Form 3160-3
(August 1999)

001

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. U-022158	
6. If Indian, Allottee or Tribe Name N/A	
1a. Type of Work: ☒ DRILL ☐ REENTER CONFIDENTIAL	7. If Unit or CA Agreement, Name and No. WONSITS VALLEY
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. STIRRUP UNIT 3G-8-8-22
2. Name of Operator SHENANDOAH ENERGY INC. Contact: JOHN BUSCH E-Mail: jbusch@shenandoahenergy.com	9. API Well No. 43-047-34596
3a. Address 11002 E. 17500 S. VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323
	10. Field and Pool, or Exploratory WONSITS VALLEY
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface NENW 730FNL 2021FWL 4444645 Y 40.14390 At proposed prod. zone 630603 X -109.46682	11. Sec., T., R., M., or Blk. and Survey or Area Sec 8 T8S R22E Mer SLB
14. Distance in miles and direction from nearest town or post office* 11 +/- MILES FROM REDWASH, UTAH	12. County or Parish UINTAH / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 730' +/-	16. No. of Acres in Lease 1278.20 / 17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 50'/-	19. Proposed Depth 5925 MD 5925 TVD / 20. BLM/BIA Bond No. on file U-0969
21. Elevations (Show whether DF, KB, RT, GL, etc. 5140 KB	22. Approximate date work will start / 23. Estimated duration 10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature John Busch	Name (Printed/Typed) JOHN BUSCH	Date 05/24/2002
Title OPERATIONS		
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HILL	Date 06-12-02
Title	Office RECLAMATION SPECIALIST III	

Federal Approval of this Action is Necessary

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

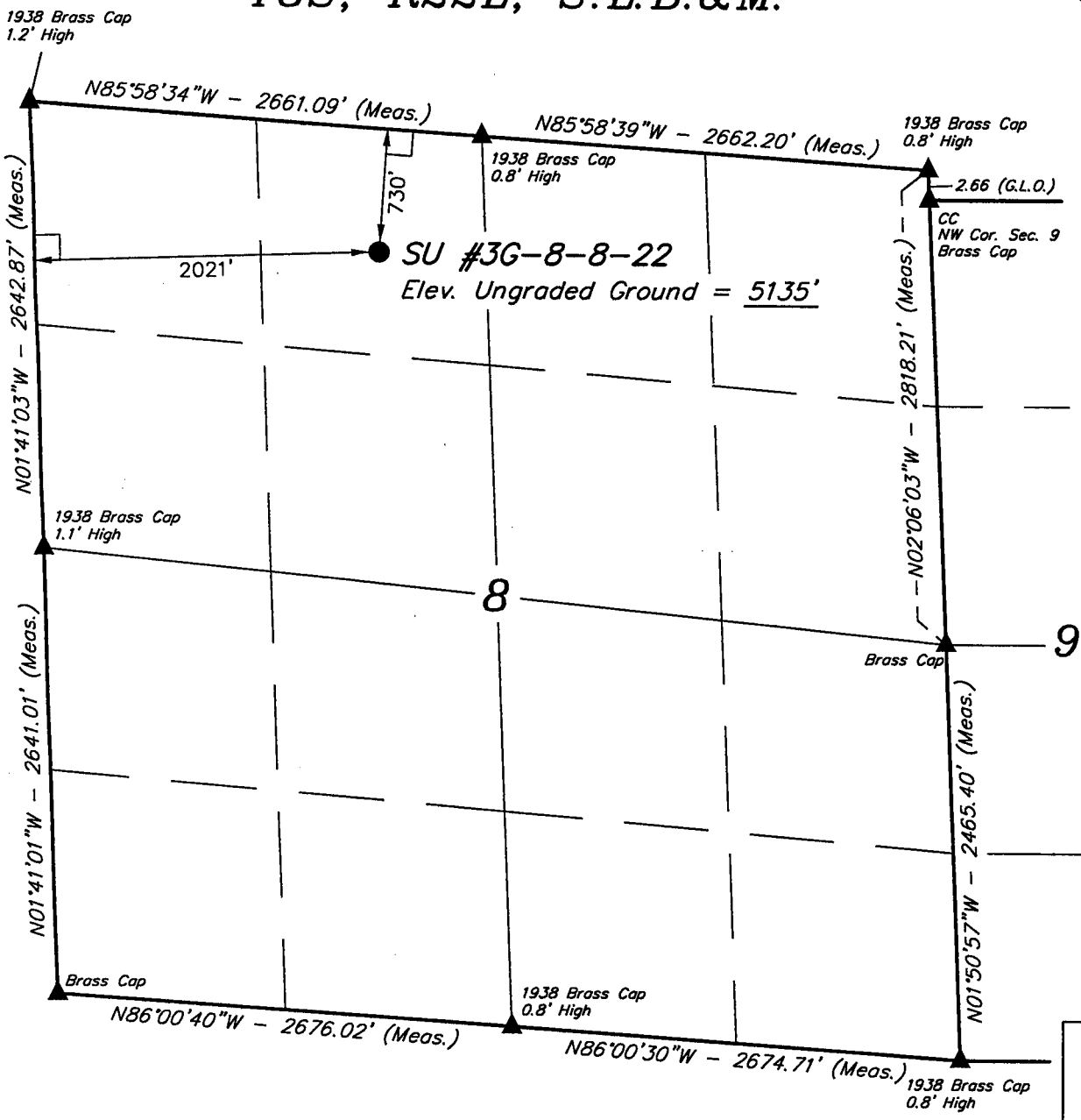
Additional Operator Remarks (see next page)

Electronic Submission #11518 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

RECEIVED
MAY 30 2002
DIVISION OF
OIL, GAS AND MINING

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL

T8S, R22E, S.L.B.&M.



SHENANDOAH ENERGY, INC.

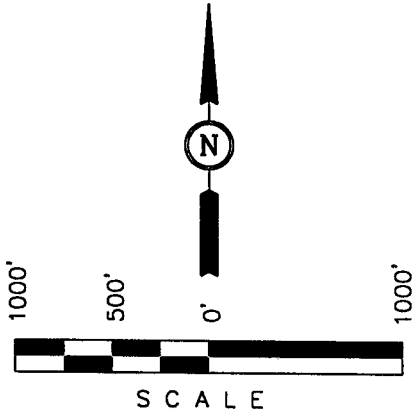
Well location, SU #3G-8-8-22, located as shown in the NE 1/4 NW 1/4 of Section 8, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL
● = PROPOSED WELL HEAD.
▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
LATITUDE = 40°08'36.62" (40.143506)
LONGITUDE = 109°28'02.57" (109.467381)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	05-10-02	05-13-02
PARTY: D.A. J.A. D.COX	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: SHENANDOAH ENERGY, INC.	

SHENANDOAH ENERGY INC.
SU 3G-8-8-22

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	***Depth***
Uinta	Surface
Green River	3150
Mahogany Ledge	3960
Mesa	5714
TD (Wasatch)	5925

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	***Formation***	***Depth***
Oil/Gas	~~Wasatch~~ GRRV	5925

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 2370.0 psi.

SHENANDOAH ENERGY INC.
STIRRUP UNIT 3G-8-8-22
730' FNL, 2021' FWL
NENW, SECTION 8, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-022158

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 11 miles West of Redwash , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
(435)781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
Shenandoah Energy Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Shenandoah Energy Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Shenandoah Energy Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch
John Busch
Red Wash Operations Representative

23-May-02
Date

Additional Operator Remarks:

Shenandoah Energy Inc. proposes to drill a well to 5925' to test the Green River. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See Onshore Order No. 1 attached

Please be advised that Shenandoah Energy Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-0969. The principal is Shenandoah Energy Inc. via surety as consent as provided for the 43 CFR 3104.2.

SHENANDOAH ENERGY, INC.

SU #3G-8-8-22

LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T8S, R22E, S.L.B.&M.

PHOTO: VIEW OF LOCATION STAKE **CAMERA ANGLE: WESTERLY**

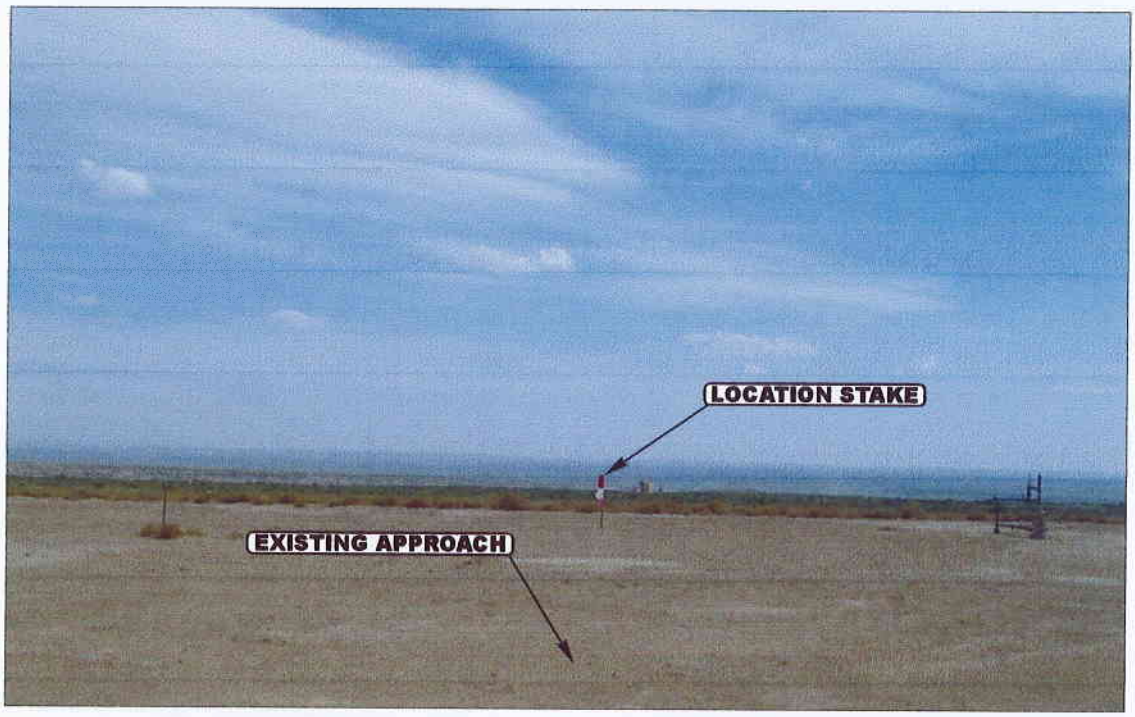


PHOTO: VIEW OF EXISTING APPROACH **CAMERA ANGLE: SOUTHERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

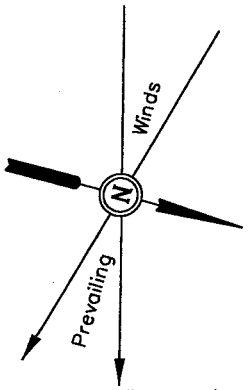
LOCATION PHOTOS	5 MONTH	14 DAY	02 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: P.M.	REVISED: 00-00-00		

SHENANDOAH ENERGY, INC.

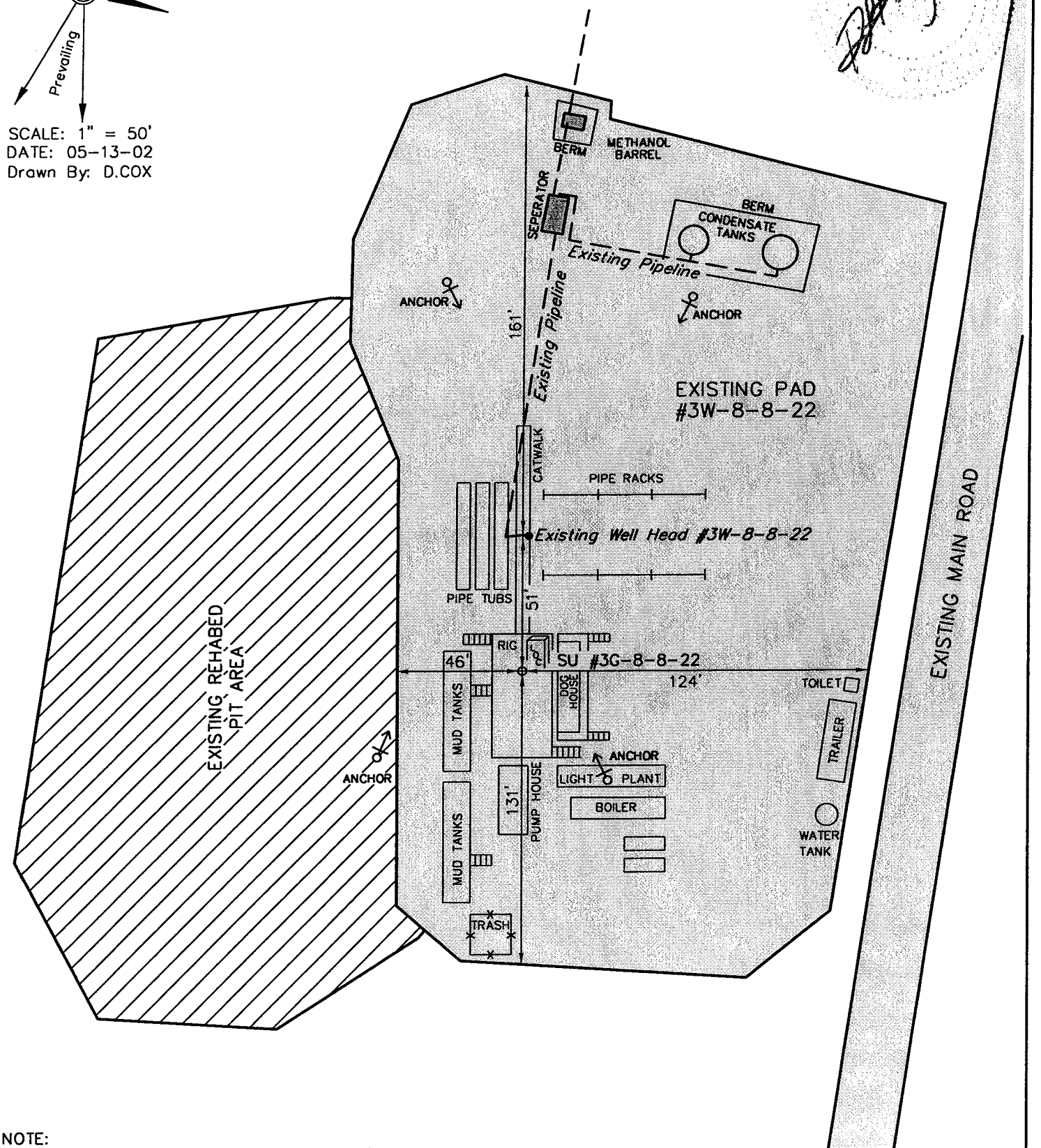
LOCATION LAYOUT FOR

SU #3G-8-8-22
SECTION 8, T8S, R22E, S.L.B.&M.
730' FNL 2021' FWL

FIGURE #1

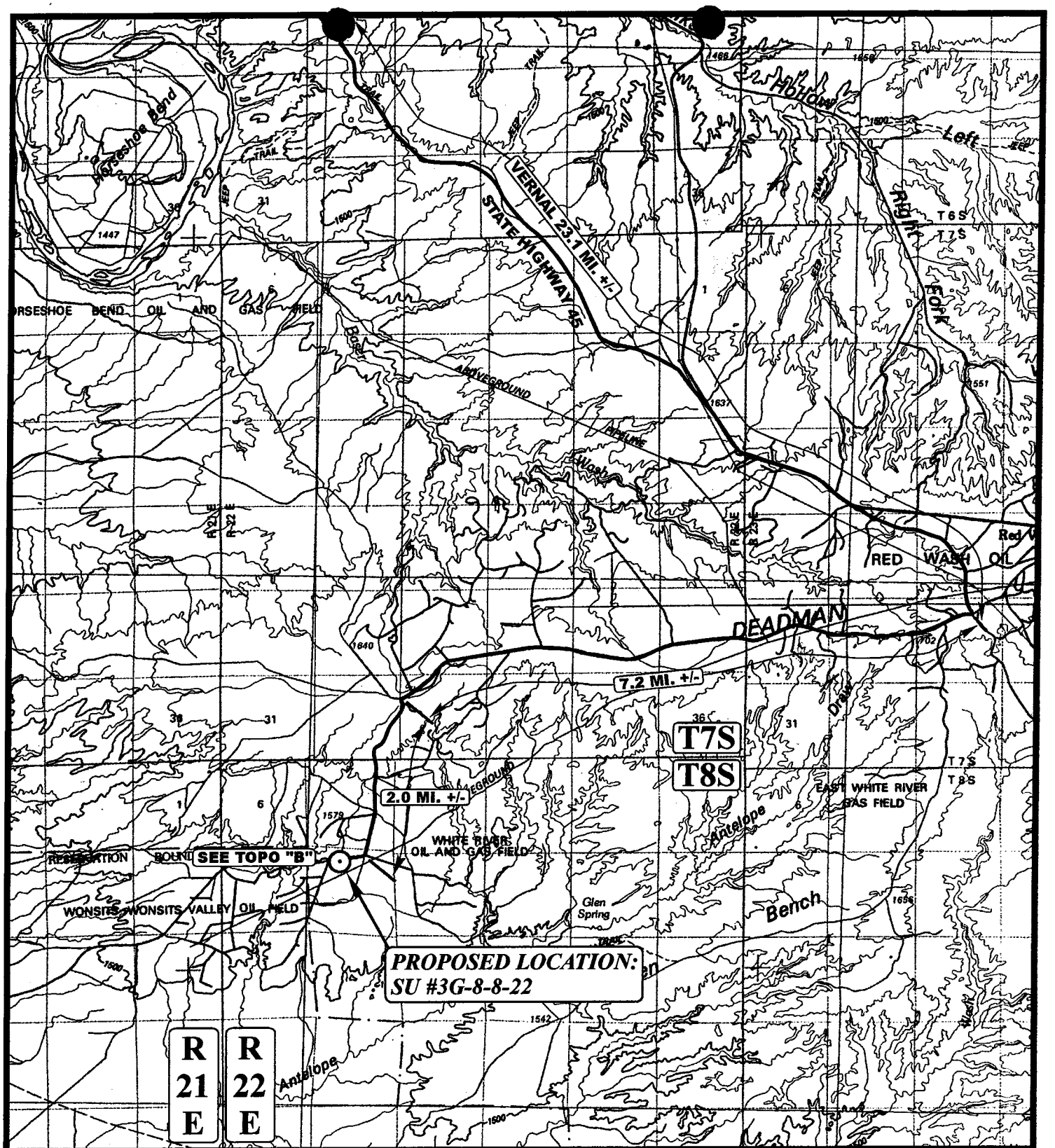


SCALE: 1" = 50'
DATE: 05-13-02
Drawn By: D.COX



NOTE:
EXISTING FACILITIES, PIPELINES, TANKS, ECT., MAY REQUIRE RELOCATION DURING DRILLING PROCESS TO ACCOMODATE DRILLING RIG.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

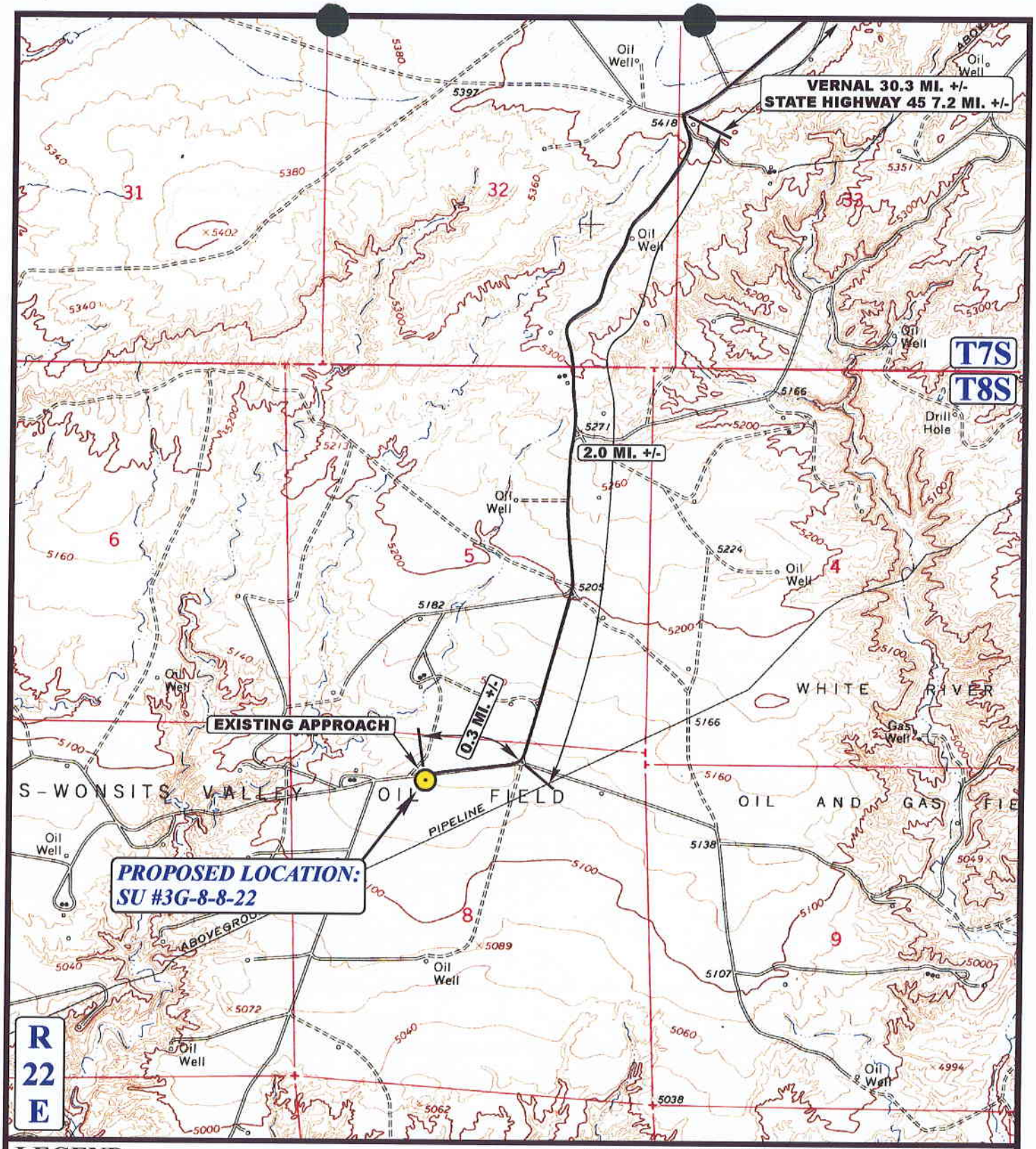
N

SHENANDOAH ENERGY, INC.

SU #3G-8-8-22
SECTION 8, T8S, R22E, S.L.B.&M.
730' FNL 2021' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	5 MONTH	14 DAY	02 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

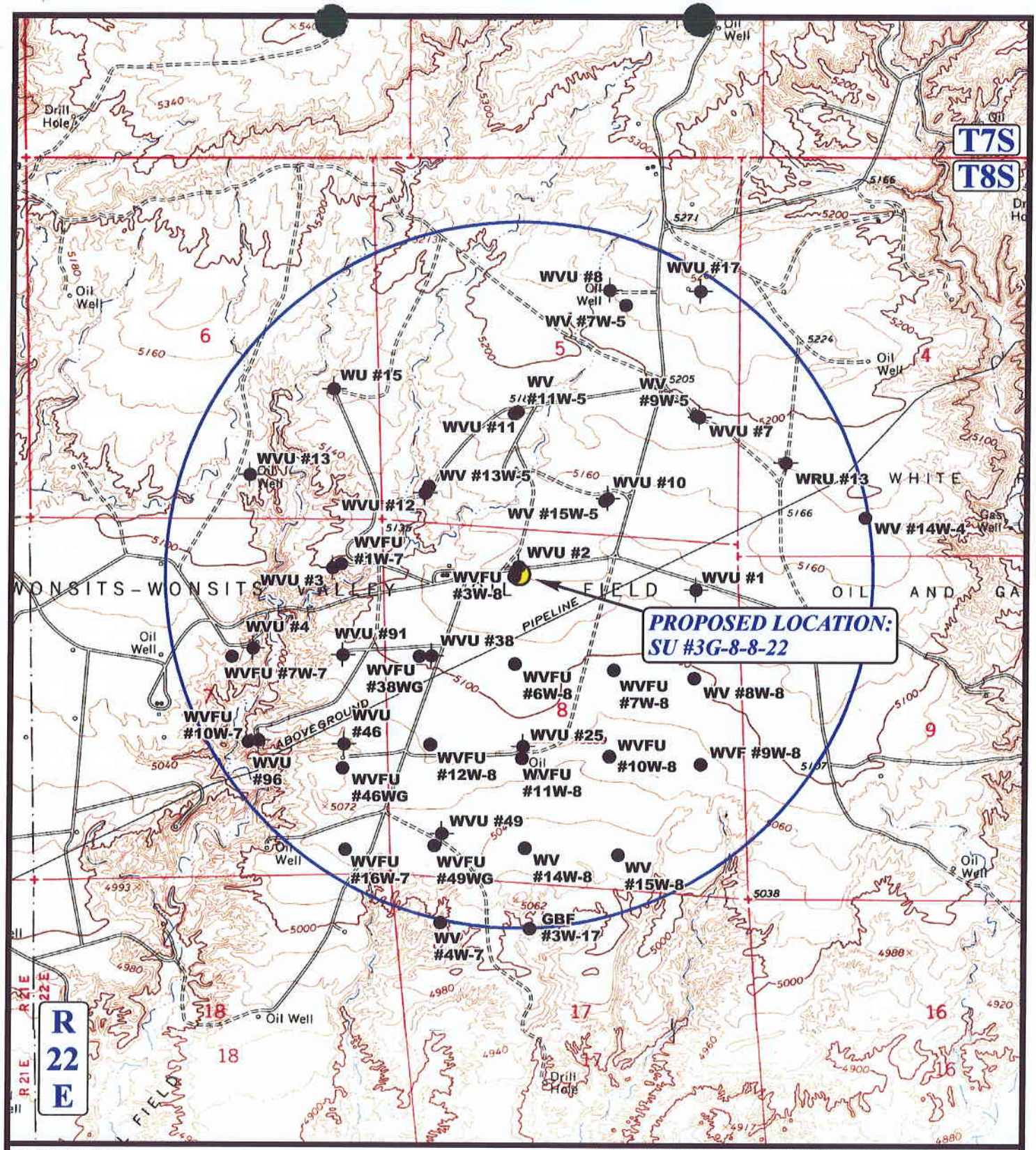
N

SHENANDOAH ENERGY, INC.

SU #3G-8-8-22
SECTION 8, T8S, R22E, S.L.B.&M.
730' FNL 2021' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	5 MONTH	14 DAY	02 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

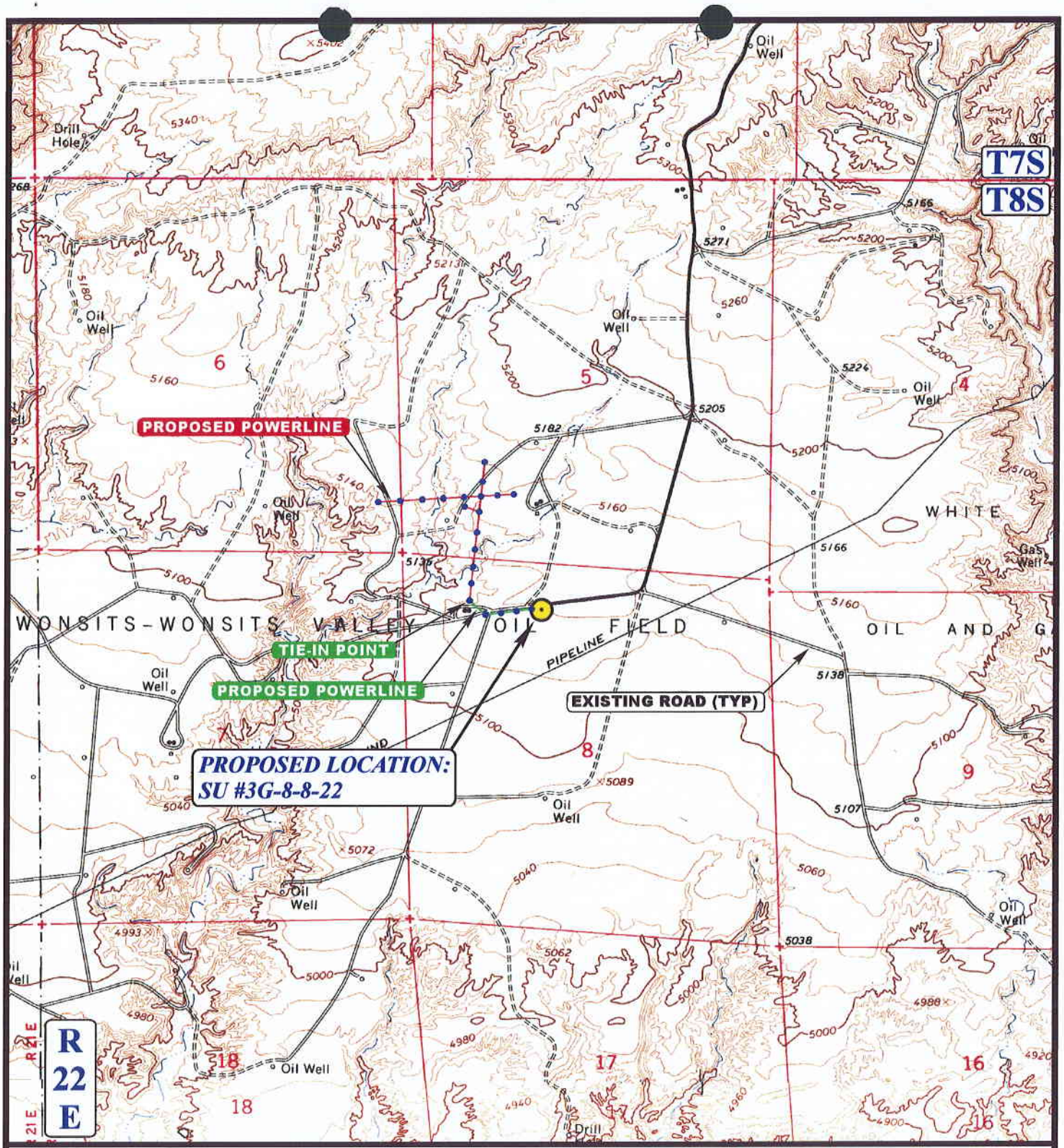
N

SHENANDOAH ENERGY, INC.

SU #3G-8-8-22
SECTION 8, T8S, R22E, S.L.B.&M.
730' FNL 2021' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	5 MONTH	14 DAY	02 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		



APPROXIMATE TOTAL POWERLINE DISTANCE = 1,000' +/-

LEGEND:

EXISTING ROAD

PROPOSED POWERLINE

PROPOSED POWERPOLE

N

SHENANDOAH ENERGY, INC.

SU #3G-8-8-22
SECTION 8, T8S, R22E, S.L.B.&M.
730' FNL 2021' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	5 MONTH	14 DAY	02 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		

002

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/30/2002

API NO. ASSIGNED: 43-047-34596

WELL NAME: STIRRUP U 3G-8-8-22

OPERATOR: SHENANDOAH ENERGY INC (N4235)

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:

NENW 08 080S 220E

SURFACE: 0730 FNL 2021 FWL

BOTTOM: 0730 FNL 2021 FWL

UINTAH

WONSITS VALLEY (710)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-022158

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: ~~WSTC~~ GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.14390

LONGITUDE: 109.46682

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. U-0969)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-8496)

NA RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit WONSITS VALLEY

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 187-06

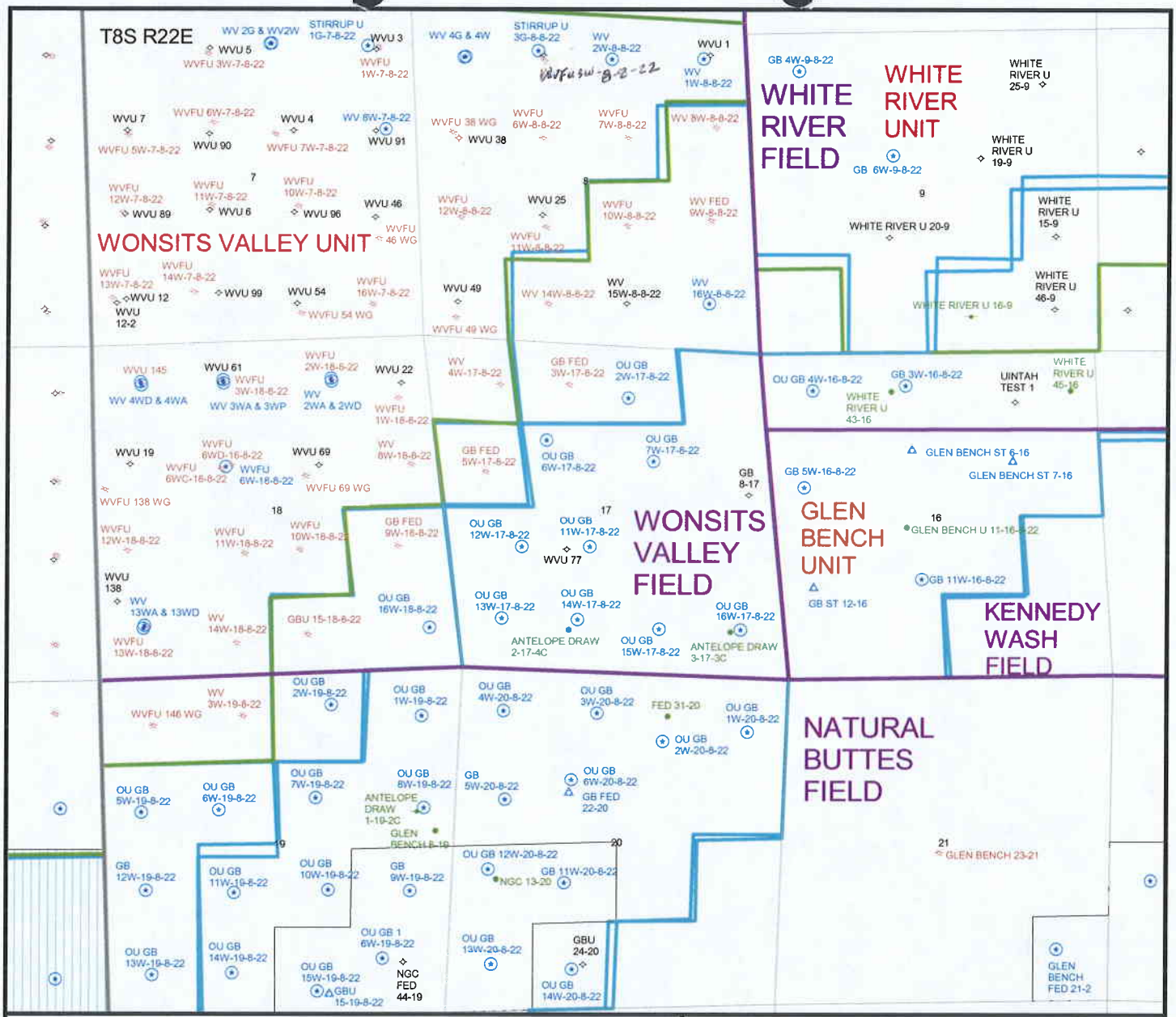
Eff Date: 8-2-01

Siting: *460' Fr unit boundary

___ R649-3-11. Directional Drill

COMMENTS: Sop, Surface file.

STIPULATIONS: 1- Fed Approval

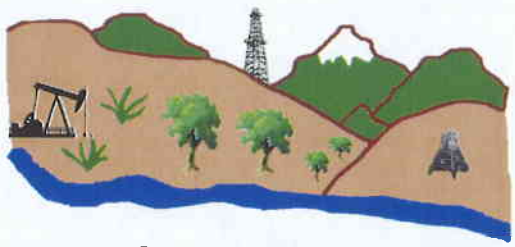


Operator Name: SHENANDOAH ENERGY (N4235)

Sec. 8 T8S R22E

Field: WONSITS VALLEY (710)

County: UINTAH Unit: WONSITS VALLEY



Utah Oil Gas and Mining

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Township.shp
- Sections

Well Status
- Gas Injection
- Gas Storage
- Location Abandoned
- Location
- Plugged
- Producing Gas
- Producing Oil
- Shut-In Gas
- Shut-In Oil
- Temporarily Abandoned
- Test Well
- Water Injection
- Water Supply
- Water Disposal

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

N
W E
S

Prepared By: D. Mason
Date: 07-June-2002

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 12, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2002 Plan of Development Wonsits Valley Unit, Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Wonsits Valley Unit, Uintah County, Utah.

Api Number	Well	Location

Wonsits Valley Unit

(Proposed PZ Green River)

43-047-34596 Wonsits Valley Unit 3G-8-8-22 Sec. 8, T8S, R22E 0730 FNL 2021 FWL
43-047-34597 Wonsits Valley Unit 1G-7-8-22 Sec. 7, T8S, R22E 0653 FNL 0700 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Wonsits Valley Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-12-2

003

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 12, 2002

Shenandoah Energy Inc.
11002 E 17500 S
Vernal, UT 84078

Re: Stirrup Unit 3G-8-8-22 Well, 730' FNL, 2021' FWL, NE NW, Sec. 8, T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34596.

Sincerely,

for John R. Baza
Associate Director

pb
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Shenandoah Energy Inc.

Well Name & Number Stirrup Unit 3G-8-8-22

API Number: 43-047-34596

Lease: U-022158

Location: NE NW **Sec.** 8 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

004

SHENANDOAH ENERGY INC.
STIRRUP UNIT 3G-8-8-22
730' FNL, 2021' FWL
NENW, SECTION 8, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-022158

ONSHORE ORDER NO. 1

RECEIVED
JUL 0 1 2002
DIVISION OF
OIL, GAS AND MINING

MULTI – POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

The proposed well site is approximately 11 miles West of Redwash , Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

5. **Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

6. **Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

7. **Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

8. **Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Please refer to the SU 3W-8-8-22.

10. **Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Green River Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Please refer to the SU 3W-8-8-22.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078
(435)781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A power line right of way is required. Right of will be 30' wide 25' on each side with a span height of not less than 25', voltage 13,300, length 1000 +/- with 3 phase wire and 5 poles (MLEA). The line will be installed and maintained by Shenandoah Energy, Inc.

REVISED
Powerline 9/2/10

Form 3160-3
(August 1999)

DD5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

5. Lease Serial No.
UTU022158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.
UTU63043O

8. Lease Name and Well No.
STIRRUP 3G-8-8-22

2. Name of Operator
SHENANDOAH ENERGY INC
Contact: JOHN BUSCH
E-Mail: jbusch@shenandoahenergy.com

9. API Well No.

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078-8526

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface NENW 730FNL 2021FWL

At proposed prod. zone

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MAY 29 2002

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 8 T8S R22E Mer SLB

14. Distance in miles and direction from nearest town or post office*
11 +/- MILES FROM REDWASH, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
730' +/-

16. No. of Acres in Lease
1278.24

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
50'/-

19. Proposed Depth
5925 MD
5925 TVD

20. BLM/BIA Bond No. on file
UT0969

21. Elevations (Show whether DF, KB, RT, GL, etc.
5140 KB

22. Approximate date work will start

23. Estimated duration
10 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
JOHN BUSCH

Date
05/24/2002

Title
OPERATIONS

RECEIVED
AUG 27 2002
DIVISION OF
OIL, GAS AND MINING

Approved by (Signature)

Name (Printed/Typed)

Date
08/14/2002

Title Assistant Field Manager
Mineral Resources

Office

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #11518 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 05/31/2002 (02LW0853AE)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

DOGMA

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

RECEIVED
AUG 2 7 2002
DIVISION OF
OIL, GAS AND MINING

Company/Operator: Shenandoah Energy Inc.

Well Name & Number: Stirrup #3G-8-8-22

API Number: 43-047-34596

Lease Number: U-022158

Location: NENW Sec. 8 T.8S R. 22E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend 200' above the base of the fresh water identified at ±3535'.

Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Other Information

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

RECEIVED
AUG 27 2002
DIVISION OF
OIL, GAS AND MINING

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM

-The reserve pit will not require a pit liner.

SHENANDOAH ENERGY INC.

Western District

11002 E. 17500 S.
Vernal, Utah 84078
435-781-4342
Fax 435-781-4357

FACSIMILE TRANSMISSION

To: Carol Daniels
Fax: 801.359.3940
From: Dahn Caldwell
Date: September 30, 2002
Re: Spud Sundry's and Reports

Pages including this one: 3

Message—

Hope this helps by faxing these reports to you. They didn't get sent out last Friday. Sorry!

Dahn

006

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

CONFIDENTIAL

5. Lease Serial No.
U-022158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STIRRUP UNIT 3G 8-8-22

2. Name of Operator
SHENANDOAH ENERGY

Contact: DAHN F. CALDWELL
E-Mail: Dahn.Caldwell@questar.com

9. API Well No.
43-047-34596

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4342
Fx: 435.781.4357

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 8 T8S R22E NENW 730FNL 2021FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well was spud on 9/29/02. Drilled 12 1/4" hole to 492'. Ran 11 joints 9 5/8", J-55, 36# casing to 484'KB.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #14664 verified by the BLM Well Information System
For SHENANDOAH ENERGY, sent to the Vernal

Name *(Printed/Typed)* DAHN F. CALDWELL — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 09/30/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

CONFIDENTIAL

State of Utah
Division of Oil, Gas and Mining

ENTITY ACTION FORM - FORM 6

OPERATOR: **Shenandoah Energy, Inc.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078-8526 **(435)781-4300**

OPERATOR ACCT. No. N-4235

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B			**43-047-34596**	**SU 3G 8 8 22**	**NE NW**	**8**	**8S**	**22E**	**Uintah**	**9/29/02**	

WELL 1 COMMENTS:
New well to be drilled in Wonsits Valley and it is in the Green River participating area.

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

RECEIVED

Signature

Clerk Specialist 09/29/02
Title Date

Phone No. **(435) 781-4342**

CONFIDENTIAL

007

State of Utah
Division of Oil, Gas and Mining

CONFIDENTIAL

OPERATOR ACCT. No. N-4235

OPERATOR: Shenandoah Energy, Inc.
ADDRESS: 11002 East 17500 South
Vernal, Utah 84078-8526 (435)781-4300

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
B	99999	5265	43-047-34596	SU 3G 8 8 22	NE NW	8	8S	22E	Uintah	9/29/02/02	9-30-02

WELL 1 COMMENTS:
New well to be drilled in Wonsits Valley, GRRV(PA)

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

Signature

Clerk Specialist 09/29/02
Title Date

Phone No. (435) 781-4342

CONFIDENTIAL

Form 3160-5
(August 1999)

008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
U-022158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

CONFIDENTIAL

8. Well Name and No.
STIRRUP UNIT 3G 8-8-22

2. Name of Operator
SHENANDOAH ENERGY

Contact: DAHN F. CALDWELL
E-Mail: Dahn.Caldwell@questar.com

9. API Well No.
43-047-34596

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4342
Fx: 435.781.4357

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 8 T8S R22E NENW 730FNL 2021FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well was spud on 9/29/02. Drilled 12 1/4" hole to 492'. Ran 11 joints 9 5/8", J-55, 36# casing to 484'KB.

RECEIVED

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #14664 verified by the BLM Well Information System
For SHENANDOAH ENERGY, sent to the Vernal

Name *(Printed/Typed)* DAHN F. CALDWELL — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 09/30/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

CONFIDENTIAL

009

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
UTU-022158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UTU630430

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

CONFIDENTIAL

8. Well Name and No.
STIRRUP UNIT 3G-8-8-22

2. Name of Operator
SHENANDOAH ENERGY INC.

Contact: RALEEN SEARLE
E-Mail: rsearle@shenandoahenergy.com

9. API Well No.
43-047-34596

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4309
Fx: 435.781.4329

10. Field and Pool, or Exploratory
WONSITS VALLEY

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 8 T8S R22E NENW 730FNL 2021FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Shenandoah Energy Inc. proposes to change the name on the Stirrup Unit 3G-8-8-22 to Wonsits Valley 3G-8-8-22.

RECEIVED
OCT 31 2002
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #15578 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

Name *(Printed/Typed)* RALEEN SEARLE — Title REGULATORY AFFAIRS ANALYST

Signature Raleen Searle — Date 10/29/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

cc 6/10/05

Division of Oil, Gas and Mining

ROUTING

1. GLH
2. CDW
3. FILE

OPERATOR CHANGE WORKSHEET

011

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** WONSITS VALLEY UNIT

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** **6/19/2003**
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If NO, the operator was contacted contacted on: ____

. Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

011

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc *11002 E 17500 S* Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc *11002 E 17500 S* Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** **WONSITS VALLEY UNIT**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** **6/19/2003**
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted contacted on:

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/16/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/16/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

012

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

CONFIDENTIAL

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. UTU-022158
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. WV 3G 8 8 22
2. Name of Operator ~~QEP UINTA BASIN DIVISION~~ STEVENS OAK Energy Inc. Contact: DAHN F. CALDWELL E-Mail: dahn.caldwell@questar.com	9. API Well No. 43-047-34596
3a. Address 11002 E. 17500 S. VERNAL, UT 84078 3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.781.4357	10. Field and Pool, or Exploratory WONSITS VALLEY
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 8 T8S R22E NENW 730FNL 2021FWL	11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☒ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

We request a T&A status of this well pending possible secondary recovery in this area.

Well is SI due to uneconomical status.

CONFIDENTIAL - TIGHT HOLE
Do not release well information without permission from "QEP Uinta Basin Division".

The well has been nonserve or nonproductive for 6 years 6 months. In accordance with R649-3-36, the well may remain shut-in or temporarily abandoned until December 1, 2003, at which time the operator shall file a Sundry Notice providing the information specified in said rule.

Accepted by the
Utah Division of Oil, Gas and Mining
June 23, 2003

COPY SENT TO OPERATOR
Date: 6-25-03
Initials: CHD

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #21653 verified by the BLM Well Information System
For QEP UINTA BASIN DIVISION, sent to the Vernal

Name *(Printed/Typed)* JIM SIMONTON Title COMPLETION MANAGER

Signature (Electronic Submission) Jim Simonton 6fc Date 05/09/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED
MAY 13 2003
DIV. OF OIL, GAS & MINING

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

CONFIDENTIAL

cc 9 6/10/05

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

012

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. UTU-022158
2. Name of Operator ~~STEPHENS Production Co~~ QEP UINTA BASIN DIVISION Contact: DAHN F. CALDWELL E-Mail: dahn.caldwell@questar.com	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. WV 3G 8 8 22
	9. API Well No. 43-047-34596
3a. Address 11002 E. 17500 S. VERNAL, UT 84078 3b. Phone No. (include area code) Ph: 435.781.4342 Fx: 435.781.4357	10. Field and Pool, or Exploratory WONSITS VALLEY
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 8 T8S R22E NENW 730FNL 2021FWL	11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☒ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

We request a T&A status of this well pending possible secondary recovery in this area.

Well is SI due to uneconomical status.

CONFIDENTIAL - TIGHT HOLE
Do not release well information without permission from "QEP Uinta Basin Division".

COPY SENT TO OPERATOR
Date: 6-25-03
Initials: CHD

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #21653 verified by the BLM Well Information System
For QEP UINTA BASIN DIVISION, sent to the Vernal

Name *(Printed/Typed)* JIM SIMONTON — Title COMPLETION MANAGER

Signature (Electronic Submission) — Date 05/09/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED
MAY 13 2003
DIV. OF OIL, GAS & MINING

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-022158

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator ~~QEP UINTA BASIN DIVISION~~ SHENANDOAH ENERGY INC
Contact: DAHN F. CALDWELL
E-Mail: Dahn.Caldwell@questar.com

8. Lease Name and Well No.
WV 3G 8-8-22

3. Address 11002 E. 17500 S.
VERNAL, UT 84078

3a. Phone No. (include area code)
Ph: 435.781.4342

9. API Well No.
43-047-34596

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENW 730FNL 2021FWL

CONFIDENTIAL

At top prod interval reported below NENW 730FNL 2021FWL

At total depth NENW 730FNL 2021FWL

10. Field and Pool, or Exploratory
WONSITS VALLEY

11. Sec., T., R., M., or Block and Survey or Area Sec 8 T8S R22E Mer SLB

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
09/29/2002

15. Date T.D. Reached
11/02/2002

16. Date Completed
☐ D & A ☒ Ready to Prod.
11/25/2002

17. Elevations (DF, KB, RT, GL)*
5126 GL

18. Total Depth: MD 5900 TVD

19. Plug Back T.D.: MD 5825 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
✓CBL, SPECTRAL DENSITY DSN, PUMP IN TRACER SURVEY HRI - 11-6-02
12-4-02 11-6-02

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0		486		175	118		
7.875	5.500 J-55	15.5		5898		700	474		
			0						
			0						
			0						

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5658							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	GREEN RIVER	3150	5900	5709 TO 5718			
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

CONFIDENTIAL PERIOD EXPIRED ON 11-25-03

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/25/2002	11/25/2002	24	→	0.0	0.0	0.0			OTHER

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	0	0.0	→					~~IA~~ SI per DKD

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

RECEIVED
MAY 13 2003
DIV. OF OIL, GAS & MINING

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #21650 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
OTHER

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER	3150
				MAHOGONY	3970
				G1 LIME	5714
				TD	5900

32. Additional remarks (include plugging procedure):

"Confidential. Do not release well information without permission from QEP Uinta Basin Division".

Cement w/ 520 sxs HiFill Mod and 180 sxs 50/50 Pozmix tail.

This well never produced. As it appeared non-commercial. SI waiting on evaluation.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #21650 Verified by the BLM Well Information System.
For QEP UINTA BASIN DIVISION, sent to the Vernal

Name *(please print)* JIM SIMONTON Title COMPLETION MANAGER

Signature Jim Simonton (HLC) (Electronic Submission) Date 05/09/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

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QUESTAR

[redacted]estar Exploration and Production Company
[redacted]dependence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 · Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

Enclosure

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Wonsits Valley Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Wonsits Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Wonsits Valley Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Wonsits Valley Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Wonsits Valley Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:6/9/03

SEI (N4235) to QEP (N2460) WONSITS VALLEY UNIT

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WVU 16	15	080S	210E	4304715447	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 21	16	080S	210E	4304715452	99990	State	WI	A		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 31	14	080S	210E	4304715460	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 35	14	080S	210E	4304715463	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 36	10	080S	210E	4304715464	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 41	15	080S	210E	4304715469	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 43	11	080S	210E	4304715471	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 48	10	080S	210E	4304715476	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 50	15	080S	210E	4304715477	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 32	16	080S	210E	4304716513	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 53	10	080S	210E	4304720003	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 55	14	080S	210E	4304720005	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 59	14	080S	210E	4304720018	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 60	15	080S	210E	4304720019	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 62	10	080S	210E	4304720024	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 65	15	080S	210E	4304720041	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 67	15	080S	210E	4304720043	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 68	15	080S	210E	4304720047	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 72	16	080S	210E	4304720058	99990	State	WI	A		WONSITS VALLEY	710	S	UINTAH	3	ML-2237A	159261960
WVU 73	16	080S	210E	4304720066	5265	State	WI	A		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 74	16	080S	210E	4304720078	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 75	16	080S	210E	4304720085	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 78	16	080S	210E	4304720115	99990	State	WI	A		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 83	23	080S	210E	4304720205	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0809	UT-0969
WVU 97	11	080S	210E	4304730014	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 103	14	080S	210E	4304730021	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 104	15	080S	210E	4304730022	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 105	10	080S	210E	4304730023	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 109	15	080S	210E	4304730045	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 110	14	080S	210E	4304730046	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 112	15	080S	210E	4304730048	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 124	15	080S	210E	4304730745	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	
WVU 126	21	080S	210E	4304730796	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVU 128	10	080S	210E	4304730798	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 132	15	080S	210E	4304730822	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 136	21	080S	210E	4304731047	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVU 134	16	080S	210E	4304731118	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 137	11	080S	210E	4304731523	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 28-2	11	080S	210E	4304731524	99990	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 141	16	080S	210E	4304731609	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 127	16	080S	210E	4304731611	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 142	16	080S	210E	4304731612	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 133	15	080S	210E	4304731706	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 140	15	080S	210E	4304731707	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 40-2	10	080S	210E	4304731798	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
														1	U-0806	UT-0969

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WVU 144	10	080S	210E	4304731807	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 143	10	080S	210E	4304731808	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVU 145	18	080S	220E	4304731820	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVU 121	14	080S	210E	4304731873	5265	Federal	OW	S		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVU 135-2	21	080S	210E	4304732016	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVU 130	22	080S	210E	4304732307	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVU 71-2	15	080S	210E	4304732449	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 119	21	080S	210E	4304732461	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVFU 120	22	080S	210E	4304732462	5265	Federal	WI	A		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVFU 54 WG	07	080S	220E	4304732821	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-22158	UT-0969
WVFU 69 WG	18	080S	220E	4304732829	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 38 WG	08	080S	220E	4304732831	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 49 WG	08	080S	220E	4304732832	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 138 WG	18	080S	220E	4304733054	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 14 WG	12	080S	210E	4304733070	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-806	UT-0969
WVFU 11 WG	12	080S	210E	4304733085	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 81 WG	24	080S	210E	4304733086	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0810	UT-0969
WVFU 146 WG	19	080S	220E	4304733128	12436	Federal	GW	P		WONSITS VALLEY	630	S	UINTAH	1	U-057	UT-0969
WVFU 1W-14-8- 21	14	080S	210E	4304733220	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 5W-13- 8-21	13	080S	210E	4304733221	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 9W-13-8-21	13	080S	210E	4304733223	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-3084A	159261960
WVFU 46 WG	07	080S	220E	4304733241	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 2W-16-8-21	16	080S	210E	4304733246	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 2G-16-8-21	16	080S	210E	4304733247	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 9W-14-8-21	14	080S	210E	4304733269	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 7W-13-8-21	13	080S	210E	4304733270	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 1W-18-8-22	18	080S	220E	4304733294	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 11W-8-8-22	08	080S	220E	4304733295	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 3W-8-8-22	08	080S	220E	4304733493	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 5W-7-8-22	07	080S	220E	4304733494	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 11W-7-8-22	07	080S	220E	4304733495	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 13W-7-8-22	07	080S	220E	4304733496	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 1W-7-8-22	07	080S	220E	4304733501	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 3W-7-8-22	07	080S	220E	4304733502	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WV 7WRG-7-8-22	07	080S	220E	4304733503	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WVFU 6W-16-8-21	16	080S	210E	4304733527	12436	State	GW	P	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 16W-9-8-21	09	080S	210E	4304733529	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0805	UT-0969
WVFU 1W-12-8-21	12	080S	210E	4304733531	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 1W-13-8-21	13	080S	210E	4304733532	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 3W-18-8-22	18	080S	220E	4304733533	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 9W-12-8-21	12	080S	210E	4304733534	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 11W-12-8-21	12	080S	210E	4304733535	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 11W-13-8-21	13	080S	210E	4304733536	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 13W-12-8-21	12	080S	210E	4304733537	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 13W-18-8-22	18	080S	220E	4304733538	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WVFU 6G-16-8-21	16	080S	210E	4304733564	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 16G-9-8-21	09	080S	210E	4304733565	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0805	UT-0969
WVFU 1W-21-8-21	21	080S	210E	4304733602	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-68217	UT-0969
WVFU 3W-13-8-21	13	080S	210E	4304733603	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 3W-22-8-21	22	080S	210E	4304733604	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVFU 3W-24-8-21	24	080S	210E	4304733605	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0810	UT-0969
WVFU 13W-13-8-21	13	080S	210E	4304733606	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 13W-14-8-21	14	080S	210E	4304733607	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 15W-13-8-21	13	080S	210E	4304733608	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 1W-24-8-21	24	080S	210E	4304733613	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0810	UT-0969
WVFU 11W-18-8-22	18	080S	220E	4304733626	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 16W-2-8-21	02	080S	210E	4304733645	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2785	159261960
WVFU 9W-2-8-21	02	080S	210E	4304733648	12436	State	GW	P		WONSITS VALLEY	2	S	UINTAH	3	ML-2785	159261960
WVFU 12W-16-8-21	16	080S	210E	4304733649	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 12G-16-8-21	16	080S	210E	4304733650	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVFU 2W-10-8-21	10	080S	210E	4304733655	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 4W-11-8-21	11	080S	210E	4304733657	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 12W-10-8-21	10	080S	210E	4304733659	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 12G-10-8-21	10	080S	210E	4304733660	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 15W-9-8-21	09	080S	210E	4304733661	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0805	UT-0969
WVFU 15G-9-8-21	09	080S	210E	4304733662	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0805	UT-0969
WVFU 2W-13-8-21	13	080S	210E	4304733791	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 6W-13-8-21	13	080S	210E	4304733792	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 8W-13-8-21	13	080S	210E	4304733793	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 10W-1-8-21	01	080S	210E	4304733794	12436	Federal	GW	S		WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WVFU 10W-13-8-21	13	080S	210E	4304733795	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 16W-13-8-21	13	080S	210E	4304733796	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-3084	159261960
WVFU 12W-7-8-22	07	080S	220E	4304733808	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 6W-8-8-22	08	080S	220E	4304733811	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 7W-8-8-22	08	080S	220E	4304733812	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 10W-7-8-22	07	080S	220E	4304733813	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 12W-8-8-22	08	080S	220E	4304733815	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 14W-7-8-22	07	080S	220E	4304733816	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 16W-7-8-22	07	080S	220E	4304733817	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 6W-7-8-22	07	080S	220E	4304733828	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-022158	UT-0969
WVFU 6W-18-8-22	18	080S	220E	4304733842	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 6WC-18-8-22	18	080S	220E	4304733843	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 6WD-18-8-22	18	080S	220E	4304733844	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 5W-23-8-21	23	080S	210E	4304733860	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0809	UT-0969
WVFU 7W-23-8-21	23	080S	210E	4304733861	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0809	UT-0969
WVFU 8W-12-8-21	12	080S	210E	4304733862	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 10W-12-8-21	12	080S	210E	4304733863	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 14W-12-8-21	12	080S	210E	4304733864	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 16W-12-8-21	12	080S	210E	4304733865	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WVFU 1W-15-8-21	15	080S	210E	4304733902	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 1W-22-8-21	22	080S	210E	4304733903	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-06304	UT-0969
WVFU 1W-23-8-21	23	080S	210E	4304733904	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0809	UT-0969
WVFU 6W-11-8-21	11	080S	210E	4304733906	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0804	UT-0969
WVFU 7W-24-8-21	24	080S	210E	4304733908	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0810	UT-0969
WVFU 10W-11-8-21	11	080S	210E	4304733910	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 11W-15-8-21	15	080S	210E	4304733911	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 11W-17-8-21	17	080S	210E	4304733912	13228	Federal	GW	P		WONSITS VALLEY	2	S	UINTAH	1	UTU-68219	UT-0969
WVFU 13W-11-8-21	11	080S	210E	4304733913	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 13W-15-8-21	15	080S	210E	4304733914	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 15W-10-8-21	10	080S	210E	4304733916	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
[redacted]VFU 15W-15-8-21	15	080S	210E	4304733917	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
[redacted]VFU 5W-14-8-21	14	080S	210E	4304733953	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 7W-14-8-21	14	080S	210E	4304733955	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 8W-11-8-21	11	080S	210E	4304733957	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 8W-14-8-21	14	080S	210E	4304733958	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 9W-15-8-21	15	080S	210E	4304733959	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 12W-13-8-21	13	080S	210E	4304733961	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WVFU 14W-13-8-21	13	080S	210E	4304733962	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WVFU 15W-14-8-21	14	080S	210E	4304733963	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WVFU 2W-18-8-22	18	080S	220E	4304733986	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WV 8W-18-8-22	18	080S	220E	4304733989	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-9617	UT-0969
WVFU 10W-18-8-22	18	080S	220E	4304733991	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 12W-18-8-22	18	080S	220E	4304733993	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WV 14W-18-8-22	18	080S	220E	4304733995	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-057	UT-0969
WVFU 6W-1-8-21	01	080S	210E	4304734008		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WVFU 8W-1-8-21	01	080S	210E	4304734009	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 10G-2-8-21	02	080S	210E	4304734035	5265	State	OW	P		WONSITS VALLEY	2	S	UINTAH	3	ML-2785	159261960
WV 14G-2-8-21	02	080S	210E	4304734036	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2785	159261960
[redacted]V 4W-17-8-22	17	080S	220E	4304734038	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-055	UT-0969
[redacted]V 16W-1-8-21	01	080S	210E	4304734047		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 13G-2-8-21	02	080S	210E	4304734068	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2785-A	159261960
WV 5G-16-8-21	16	080S	210E	4304734107	5265	State	OW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 12G-1-8-21	01	080S	210E	4304734108	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0802	UT-0969
WV 2W-14-8-21	14	080S	210E	4304734140	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	U-0969
GH 2W-21-8-21	21	080S	210E	4304734141	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 2W-23-8-21	23	080S	210E	4304734142	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0809	U-0969
GH 3W-21-8-21	21	080S	210E	4304734143	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 4W-13-8-21	13	080S	210E	4304734144	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
GH 4W-21-8-21	21	080S	210E	4304734145	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	UT-0969
WV 4W-22-8-21	22	080S	210E	4304734146	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 16W-11-8-21	11	080S	210E	4304734155	12436	Federal	GW	S		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-19-8-22	19	080S	220E	4304734187	12436	Federal	GW	P		WONSITS VALLEY	630	S	UINTAH	1	UTU-057	UT-0969
WV 4W-23-8-21	23	080S	210E	4304734188	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-809	UT-0969

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WV 6W-23-8-21	23	080S	210E	4304734189	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-809	UT-0969
WV 11W-16-8-21	16	080S	210E	4304734190	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 13W-16-8-21	16	080S	210E	4304734191	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237A	159261960
WV 14W-16-8-21	16	080S	210E	4304734192	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 15W-16-8-21	16	080S	210E	4304734224	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 16W-16-8-21	16	080S	210E	4304734225	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237A	159261960
WV 2W-15-8-21	15	080S	210E	4304734242	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 2W-22-8-21	22	080S	210E	4304734243	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	UT-0969
WV 4W-14-8-21	14	080S	210E	4304734244	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WV 6W-12-8-21	12	080S	210E	4304734245	12436	Federal	GW	TA		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 7W-15-8-21	15	080S	210E	4304734246	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	U-0807	UT-0969
WV 8W-15-8-21	15	080S	210E	4304734247	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 12W-12-8-21	12	080S	210E	4304734248	12436	Federal	GW	TA		WONSITS VALLEY	710	S	UINTAH	1	U-0806	UT-0969
WV 14W-15-8-21	15	080S	210E	4304734249	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 16W-10-8-21	10	080S	210E	4304734250	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 16W-15-8-21	15	080S	210E	4304734251	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 1W-11-8-21	11	080S	210E	4304734263		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 2W-11-8-21	11	080S	210E	4304734264		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 2W-12-8-21	12	080S	210E	4304734265	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-11-8-21	11	080S	210E	4304734266		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 3W-12-8-21	12	080S	210E	4304734267		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 4W-12-8-21	12	080S	210E	4304734268		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 5W-11-8-21	11	080S	210E	4304734269		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 5W-12-8-21	12	080S	210E	4304734270	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 6W-14-8-21	14	080S	210E	4304734271	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 9W-11-8-21	11	080S	210E	4304734274		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 10W-14-8-21	14	080S	210E	4304734275	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 11W-11-8-21	11	080S	210E	4304734276		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 11W-14-8-21	14	080S	210E	4304734277	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 12W-11-8-21	11	080S	210E	4304734278		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 12W-14-8-21	14	080S	210E	4304734279	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 14W-11-8-21	11	080S	210E	4304734280		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 14W-14-8-21	14	080S	210E	4304734281	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 15W-11-8-21	11	080S	210E	4304734282		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0806	UT-0969
WV 16W-14-8-21	14	080S	210E	4304734283	5265	Federal	OW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 1W-16-8-21	16	080S	210E	4304734288		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 3W-15-8-21	15	080S	210E	4304734289		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 3W-16-8-21	16	080S	210E	4304734290		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 4W-15-8-21	15	080S	210E	4304734291		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 4W-16-8-21	16	080S	210E	4304734292		State	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 5W-15-8-21	15	080S	210E	4304734293		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 6W-15-8-21	15	080S	210E	4304734294	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WV 10W-15-8-21	15	080S	210E	4304734295	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0807	UT-0969
WVU 5W-16-8-21	16	080S	210E	4304734321	12436	State	GW	DRL		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	04127294
WV 7W-16-8-21	16	080S	210E	4304734322	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960

well_name	Sec	T	R	api	Entity	Lease Type	type	stat		unit_name	field		county	type	lease #	bond #
WV 8W-16-8-21	16	080S	210E	4304734323		State	GW	APD		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 9W-16-8-21	16	080S	210E	4304734325	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WV 10W-16-8-21	16	080S	210E	4304734326	12436	State	GW	P		WONSITS VALLEY	710	S	UINTAH	3	ML-2237	159261960
WVU 4W-24-8-21	24	080S	210E	4304734330	12436	Federal	GW	P		WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	U-0969
WVU 2W-24-8-21	24	080S	210E	4304734337		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WVU 6W-24-8-21	24	080S	210E	4304734338		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WVU 8W-23-8-21	23	080S	210E	4304734339		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0809	UT-0969
WVU 8W-24-8-21	24	080S	210E	4304734340	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0810	UT-0969
WV 2G-7-8-22	07	080S	220E	4304734355		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 2W-7-8-22	07	080S	220E	4304734356		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 4G-8-8-22	08	080S	220E	4304734357		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 4WA-18-8-22	18	080S	220E	4304734358		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 4WD-18-8-22	18	080S	220E	4304734359		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 13WA-18-8-22	18	080S	220E	4304734361		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 13WD-18-8-22	18	080S	220E	4304734362		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 2WA-18-8-22	18	080S	220E	4304734426		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 2WD-18-8-22	18	080S	220E	4304734427		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 3WA-18-8-22	18	080S	220E	4304734428		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 3WD-18-8-22	18	080S	220E	4304734429		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-057	UT-0969
WV 4W-8-8-22	08	080S	220E	4304734457		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 1W-8-8-22	08	080S	220E	4304734467		Federal	GW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 2W-8-8-22	08	080S	220E	4304734468	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 8W-7-8-22	07	080S	220E	4304734469	12436	Federal	GW	DRL	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	UT-0969
WV 8W-22-8-21	22	080S	210E	4304734564	12436	Federal	GW	P	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-0804	U-0969
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	OW	TA	C	WONSITS VALLEY	710	S	UINTAH	1	U-022158	U-0969
WONSITS VALLEY 1G-7-8-22	07	080S	220E	4304734597		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	U-022158	U-0969
WONSITS VALLEY 5G-8-8-22	08	080S	220E	4304734612		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 7G-8-8-22	08	080S	220E	4304734613		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-76508	U-0969
WV 11G-8-8-22	08	080S	220E	4304734614		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 13G-8-8-22	08	080S	220E	4304734615		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 15G-7-8-22	07	080S	220E	4304734626		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV 11G-7-8-22	07	080S	220E	4304734627		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 7G-7-8-22	07	080S	220E	4304734628		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WONSITS VALLEY 9G-7-8-22	07	080S	220E	4304734629		Federal	OW	APD	C	WONSITS VALLEY	710	S	UINTAH	1	UTU-02215	U-0969
WV EXT 2W-17-8-21	17	080S	210E	4304734928	12436	Federal	GW	DRL	C	WONSITS VALLEY	610	S	UINTAH	1	UTU-68219	UT-1237

JUL 0 7 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th Street Suite 500 Denver, Colorado 80265	:	Oil and Gas lease

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Unita Basin
MFO

013

8S. 22E. Sec. 8
4304734596

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18th STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

MAR 31 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
APR 06 2005
DIV. OF OIL, GAS & MINING

Stephanie Tomkinson
QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

Re: Underground Injection Control Program
Permit for the WV 3G-8-8-22 Well
Uintah County, UT
EPA Permit No. UT20954-06195

Dear Ms. Tomkinson:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed WV 3G-8-8-22, in Uintah County, Utah. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on January 28, 2005. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Chuck Tinsley of my staff at (303) 312-6266, or toll-free at (800) 227-8917, ext. 6266.

Sincerely,

Carol L. Campbell for

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure:
Final UIC Permit
Statement of Basis
Form 7520-7 Application to Transfer Permit
Form 7520-11 Monitoring Report
Form 7520-14 Plugging Plan
Form 7520-12 Well Rework Record
Groundwater Section Guidance 34
Groundwater Section Guidance 35
Groundwater Section Guidance 37
Groundwater Section Guidance 39

cc:
Ms. Maxine Natchees, Chairperson
Uintah and Ouray Business Committee

Ms. Elaine Willie, Environmental Coordinator
Ute Indian Tribe

Mr. Chester Mills
Bureau of Indian Affairs, U&O Agency

Mr. Gil Hunt
State of Utah, DOGM

Mr. Jerry Kenczka
Bureau of Land Management

EPA

UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT

PREPARED: February 2005

Permit No. UT20954-06195

Class II Enhanced Oil Recovery Injection Well

WV 3G-8-8-22
Uintah County, UT

Issued To

QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

is authorized to construct and to operate the following Class II injection well or wells:

WV 3G-8-8-22
730 FNL 2021 FWL, NENW S8, T8S, R22E
Uintah County, UT

Permit requirements herein are based on regulations found in 40 CFR Parts 124, 144, 146, and 147 which are in effect on the Effective Date of this Permit.

This Permit is based on representations made by the applicant and on other information contained in the Administrative Record. Misrepresentation of information or failure to fully disclose all relevant information may be cause for termination, revocation and reissuance, or modification of this Permit and/or formal enforcement action. This Permit will be reviewed periodically to determine whether action under 40 CFR 144.36(a) is required.

This Permit is issued for the life of the well or wells unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for this program is delegated to an Indian Tribe or a State. Upon the effective date of delegation, all reports, notifications, questions and other compliance actions shall be directed to the Indian tribe or State Program Director or designee.

Issue Date: FEB 17 2005

Effective Date FEB 17 2005

Carol L. Campbell for
Stephen S. Tuber
Assistant Regional Administrator*
Office of Partnerships and Regulatory Assistance

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

(a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and

(b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:

  (i) on the injection tubing; and

  (ii) on the tubing-casing annulus (TCA); and

(c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure specified in APPENDIX C is reached at the wellhead; and

(d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate can be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

(a) There is no significant leak in the casing, tubing, or packer (Part I); and

(b) There is no significant fluid movement into an underground source of drinking water throught vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. A current copy of Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are provided at issuance of this Permit.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit), and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Injection operation may commence only after all construction and pre-injection requirements herein have been met and approved. Except for new wells authorized by an Area Permit under 40 CFR 144.33 (c), the Permittee may not commence injection until construction is complete, and

(a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and

(i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or

(ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

(a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injected or formation fluids into a USDW.

(b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permitee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

(a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;

(b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;

(c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

(a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

(b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.

(c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.

(d) Pressures are to be measured in pounds per square inch (psi).

(e) Fluid volumes are to be measured in standard oil field barrels (bbl).

(f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

(a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.

(b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

(c) The Permittee shall retain records at the location designated in APPENDIX D.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which prevents the movement of fluids into or between underground sources of drinking water. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director. The well shall be plugged in accordance with the approved plugging and abandonment plan and with 40 CFR 146.10.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abanonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

(a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or

(b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

(a) Provides written notice to the Director;

(b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and

(c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging , or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. Duty to Mitigate.

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. Proper Operation and Maintenance.

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. Permit Actions.

This Permit may be modified, revoked and reissued or teminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights.

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information.

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. Inspection and Entry.

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

(a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,

(d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

(a) Planned changes. The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.

(b) Anticipated noncompliance. The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

(c) Monitoring Reports. Monitoring results shall be reported at the intervals specified in this Permit.

(d) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.

(e) Twenty-four hour reporting. The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:

(i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or

(ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

(f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website http://www.nrc.uscg.mil/index.htm.

(g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.

(h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

(a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or

(b) suspension or revocation of the authority of the trustee institution to act as trustee; or

(c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

FORMATION DATA:

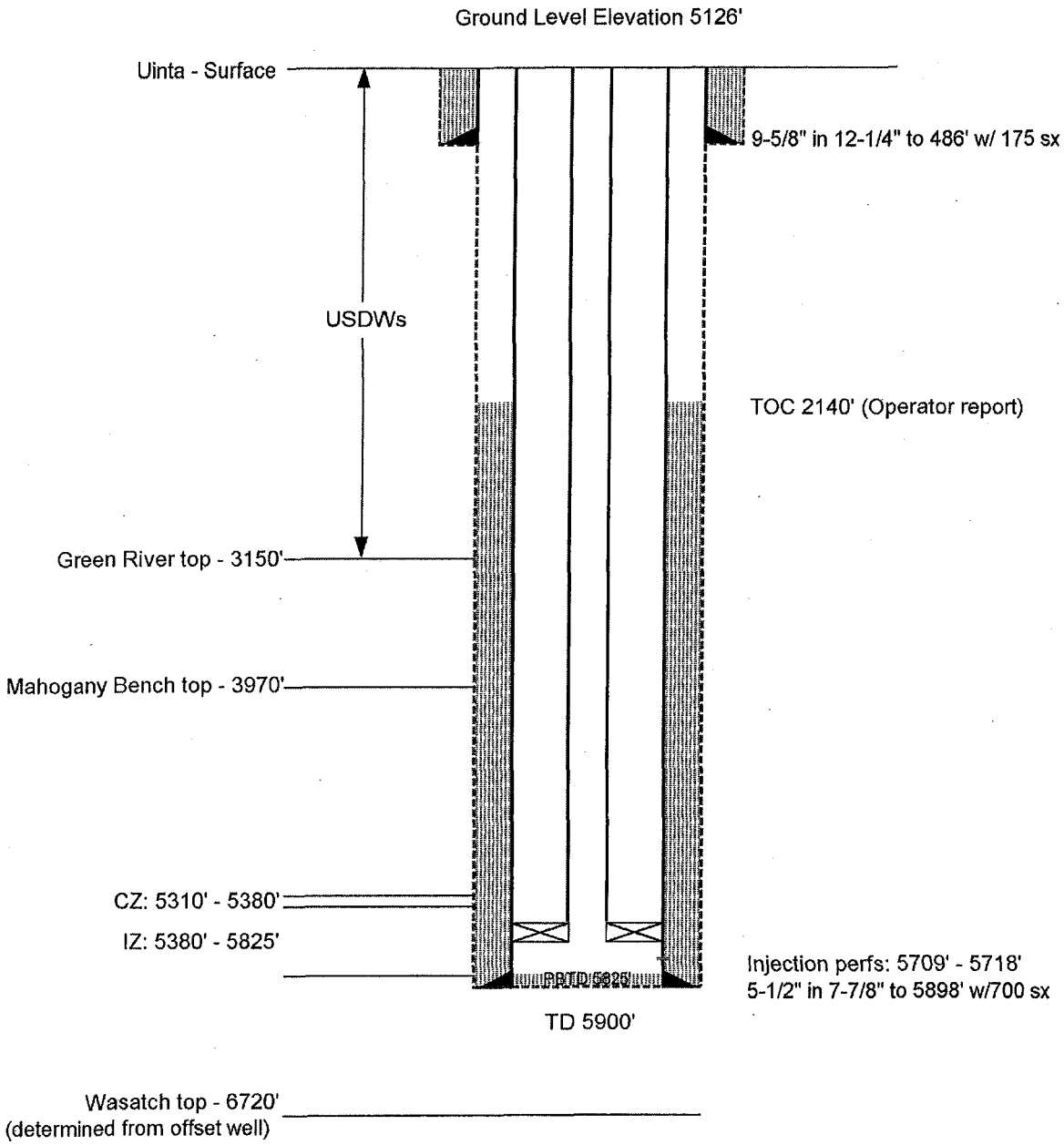
* Base of USDWs: Top of Green River Formation at 3150'
* Confining Zone: Green River Formation interval between 5310' - 5380'
* Permitted Injection Zone: Green River Formation interval between 5380 - 5825'
* Authorized Injection perforations: 5709 - 5718'

WELL CONSTRUCTION:

* 9-5/8" surface casing in 12-1/4" hole to 486' with 175 sx cement-
* 5-1/2" longstring casing in 7-7/8" hole to 5898' with 700 sx cement
* Perforations: Green River zone from 5709' - 5718'
* PBTD at 5825'
* Well TD at 5900'

WELLHEAD EQUIPMENT:

* Sampling tap located to enable sampling fluid in the injection tubing
* Sampling tap located to enable sampling fluid in the 2-7/8" x 5-1/2" annulus
* Pressure gauge isolated by 1/2" FIP shut-off valve or quick-connect and located ot enable reading the pressure on the injection tubing
* Pressure gauge isolated by 1/2" FIP shut-off valve or quick-connect and located ot enable reading the pressure on the 2-7/8" x 5-1/2" annulus
* Pressure actuated shut-off device located on the injection line, and set to prevent injection operations from exceeding the maximum allowable injection pressure
* Non-resettable cumulative volume recorder located on the injection line



WV 3G-8-8-22
UT20954-06195
Proposed Construction

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APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.
Logs will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

NO LOGGING REQUIREMENTS

Tests.
Tests will be conducted according to current UIC guidance. It is the responsibility of the permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: WV 3G-8-8-22

TYPE OF TEST	DATE DUE
Standard Annulus Pressure	Prior to beginning injection and at least once every five (5) years after the last successful demonstration of Part I Mechanical Integrity
Pore Pressure	Prior to beginning injection

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
WELL NAME	ZONE 1 (Upper)
WV 3G-8-8-22	1,600

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: WV 3G-8-8-22

	APPROVED INJECTION INTERVAL (GL, ft)		FRACTURE GRADIENT
FORMATION NAME	TOP	BOTTOM	(psi/ft)
Green River	5,380.00	5,825.00	0.733

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)

ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH

ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and averaged annulus pressure(s) (psig)
	Each month's averaged injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

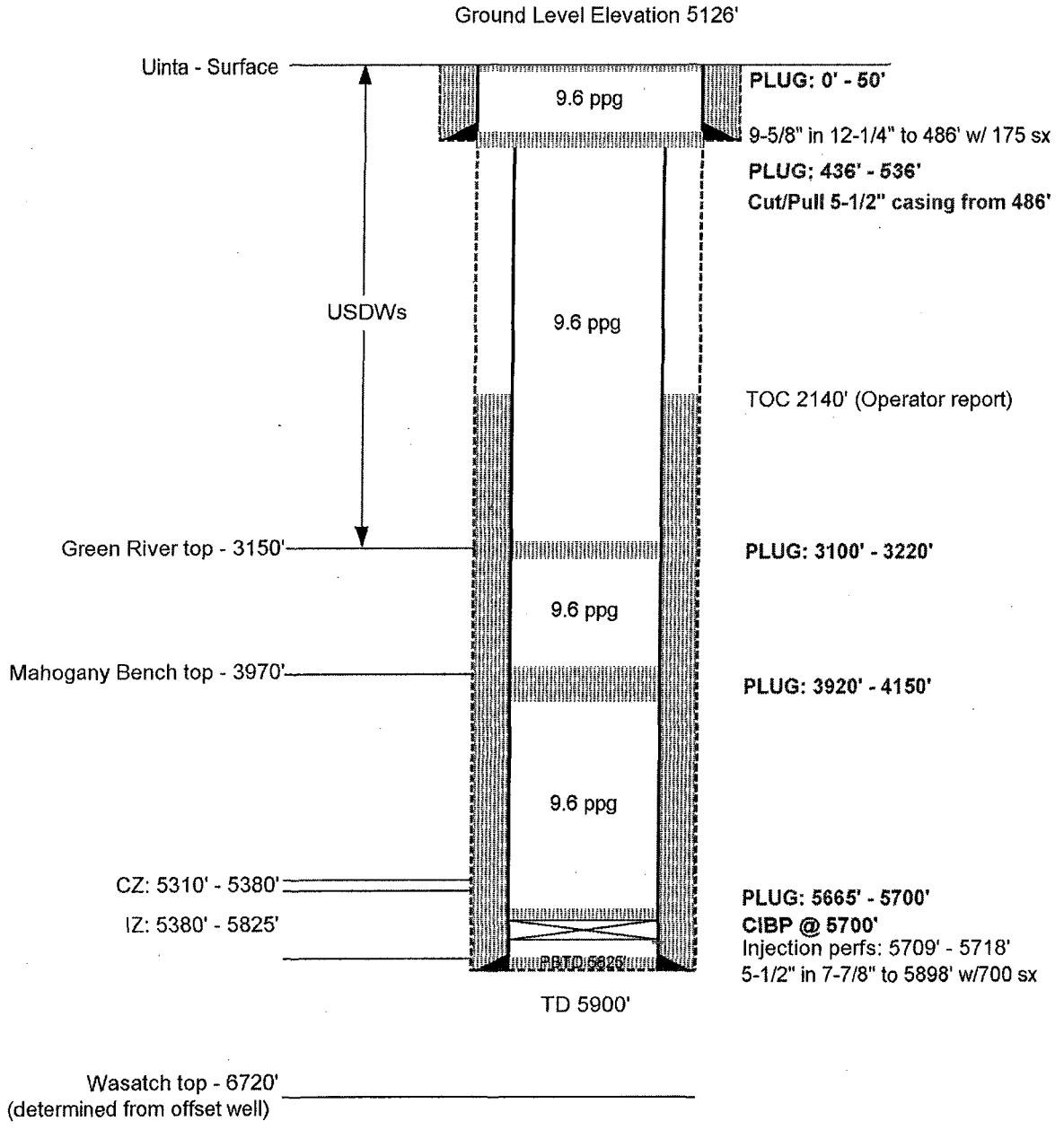
Records of all monitoring activities must be retained and made available for inspection at the following location:

QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

Perform Mechanical Integrity Test
Pull tubing and packer
Repair any casing leaks
Circulate well with 9.6 ppg drilling mud or plugging gel
Set Cast Iron Bridge Plug (CIBP) at 5700'
Place 35' of cement on top of plug
Place cement plug in the interval 3920'-4150'
Tag top of plug and report location
Place cement plug in the interval 3100'-3220'
Tag top of plug and report location
Cut and pull 5-1/2" casing from 486'
Place cement plug across base of surface casing in the interval 436'-536'
Tag top of plug and report location
Place cement plug in the interval from the surface to 50'



WV 3G-8-8-22
UT20954-06195
Proposed P&A

UT20954-06195_PAPlan_113004.jpg

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is necessary. All wells in the area of review have been cemented in a manner which will prevent injection fluids from contaminating USDWs.

STATEMENT OF BASIS

QEP UINTA BASIN, INC.
WV 3G-8-8-22
UINTAH COUNTY, UT

EPA PERMIT NO. UT20954-06195

CONTACT: Chuck Tinsley
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
999 18th Street, Suite 300
Denver, Colorado 80202-2466
Telephone: 1-800-227-8917 ext. 6266

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

UIC Permits specify the conditions and requirements for construction, operation, monitoring and reporting, and plugging of injection wells to prevent the movement of fluids into underground sources of drinking water (USDWs). Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the conversion and operation of a "new" injection well or wells governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

on

July 21, 2003

submitted an application for an Underground Injection Control (UIC) Program Permit for the following injection well or wells:

WV 3G-8-8-22
730 FNL 2021 FWL, NENW S8, T8S, R22E
Uintah County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The Permit application, including the required information and data necessary to issue a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed by EPA and determined to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

TABLE 1.1

WELL STATUS / DATE OF OPERATION

CONVERSION WELLS

Well Name	Well Status	Date of Operation
WV 3G-8-8-22	Conversion	N/A

Hydrogeologic Setting

Geologic Setting (TABLE 2.1)

THE UINTA FORMATION (0'-3150')

The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone. It is a fluvial facies in the eastern and western ends of the basin that interfingers with rocks similar in appearance to the overlying Duchesne River Formation. It grades laterally into thinner bedded calcareous lake deposits in the center of the basin.

The Uinta is very low to very high permeability. Largest primary intergranular permeability of the sandstone seems to be about the same as that of the median for sandstone in the Duchesne River Formation. Most of the formation is finer grained, and, therefore, of lower primary permeability than the Duchesne River Formation. Permeability is greatly increased where the Uinta Formation Is fractured. In most of the area, the formation yields only a few gallons per minute of saline water to wells and springs. In some areas the water has high fluoride and boron concentrations. Locally, flowing wells yield fresh to slightly saline water. In the fluvial facies, particularly where the rocks are fractured, yields are larger.

THE GREEN RIVER FORMATION (3150'-6720') (base determined from offset well)

The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone. The formation includes beds of oil shale and of carbonate evaporite. The Green River interfingers with both the overlying Uinta and the underlying Wasatch Formations, as well as laterally with other formations near the edges of the basin.

The Green River Formation is very low to low permeability except where fractured. Sandstones near oil-shale beds have values of transmissivity from 0.9 to 2.4 sq ft/day. In most of the basin the formation yields only saline or briny water, though in and near the areas of outcrop in the southern part of the basin the water is fresh to slightly saline, and in the area of the outcrop near Strawberry Reservoir the water is fresh where the formation is fractured.

THE WASATCH FORMATION (top at 6720') (top determined from offset well)

In most of the basin, the Wasatch Formation is mainly lacustrine shale, sandstone, and conglomerate. It interfingers with the overlying and underlying formations and laterally with the North Horn, Currant Creek, and Green River Formations. The Wasatch outcrops only in the far eastern end of the northern Uinta Basin and in the canyons of deeply incised streams in the southern Uinta Basin.

The Wasatch Formation is very low to low permeability except where fractured. In the Greater Altamont-Bluebell oil field, the Wasatch sands reportedly have only 4 to 5 percent porosity, but are permeable because of fracturing. Much of the water produced with petroleum is moderately saline to very saline; generally, however, the water is less mineralized than is water from the Green River Formation.

TABLE 2.1
GEOLOGIC SETTING
WV 3G-8-8-22

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uintah	0.00	3,150.00	< 10,000.00	The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone.
Green River	3,150.00	6,720.00	< 60,000.00	The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone.

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by the confining zone which is free of known open faults or fractures within the Area of Review.

TABLE 2.2
INJECTION ZONES
WV 3G-8-8-22

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River	5,380.00	5,825.00		0.733		E

*** C - Currently Exempted**
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

TABLE 2.3
CONFINING ZONES
WV 3G-8-8-22

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	The Green River Formation is mostly lacustrine shale that contains some limestone, marlstone, and siltstone.	5,310.00	5,380.00

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
WV 3G-8-8-22

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uintah	The Uinta Formation is calcareous shale, some limestone, claystone, siltstone, and sandstone.	0.00	3,150.00	< 10,000.00

PART III. Well Construction (40 CFR 146.22)

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
WV 3G-8-8-22

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Longstring	7.88	5.50	0.00 - 5,898.00	2,140.00 - 5,900.00
Surface	12.25	9.68	0.00 - 486.00	0.00 - 486.00

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The construction plan for the well or wells proposed for conversion to an injection well was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction and

conversion details for the well or wells are shown in TABLE 3.1.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment allowing for monitoring pressures and providing access for sampling the injected fluid. This equipment includes: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) pressure gauges attached to the injection tubing and the TCA to monitor the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

TABLE 4.1
AOR AND CORRECTIVE ACTION

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
2W-8-8-22	Producer	No	8,200.00	583.00	No
WV 3W-8-8-22	Producer	No	8,100.00	2,476.00	No
WV 6W-8-8-22	Producer	No	8,130.00	790.00	No
WVU #2	Producer	Yes	5,670.00	4,926.00	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a

fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

TABLE 4.1 lists the wells in the AOR, and shows the well type, operating status, depth, top of casing cement and whether a CAP is required for this well.

PART V. Well Operation Requirements (40 CFR 146.23)

TABLE 5.1
INJECTION ZONE PRESSURES
WV 3G-8-8-22

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River	5,380.00	0.733	1,600

Approved Injection Fluid

The approved injection fluid is limited to fluids which meet requirements pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are not approved.

This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit,

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)
fg = fracture gradient (from submitted data or tests)
sg = specific gravity (of injected fluid)
d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependant upon well-specific conditions as explained below:

Well construction and site-specific conditions dictate the following requriements for Mechanical Integrity (MI) demonstrations:

Part I MI - Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful test is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing, or packer.

Part II MI - Cement records for this well show that adequate cement was placed in the well. The CBL confirms that this cement meets or exceeds minimum requirements needed to demonstrate zone isolation (at least 18 feet of continuous 80% bond, or better) through the confining zone. The CBL for this well shows 70 feet of 80% or greater bond through the confining interval 5310'-5380'. Therefore, further testing for Part II MI will not be required.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures

must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, injection flow rate and cumulative fluid volume, and the maximum and average value for each must be determined for each month. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

Plugging and Abandonment Plan

Prior to abandonment, the well or wells must be plugged with cement in a manner which will not allow the movement of fluids either into or between USDWs. The plugging and abandonment plan is described in Appendix E of the Permit.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

Surety Bond, received April 11, 2003

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

OMB No. 2040-0042 Approval Expires 1/31/05

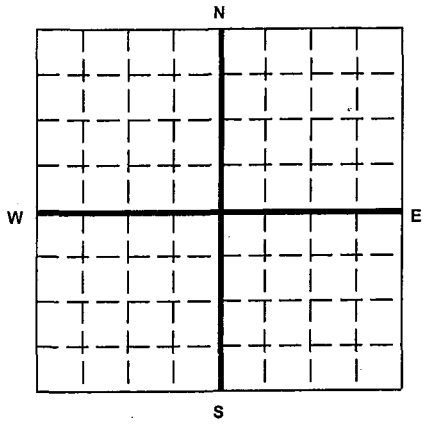
EPA

United States Environmental Protection Agency
Washington, DC 20460

Application To Transfer Permit

Name and Address of Existing Permittee	Name and Address of Surface Owner

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number

Surface Location Description

___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4 of Section ___ Township ___ Range ___

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location ___ ft. frm (N/S) ___ Line of quarter section and ___ ft. from (E/W) ___ Line of quarter section.

Well Activity	Well Status	Type of Permit
___ Class I	___ Operating	___ Individual
___ Class II	___ Modification/Conversion	___ Area
___ Brine Disposal	___ Proposed	Number of Wells ___
___ Enhanced Recovery		
___ Hydrocarbon Storage		
___ Class III		
___ Other		

Lease Number | Well Number

Name(s) and Address(es) of New Owner(s)	Name and Address of New Operator

Attach to this application a written agreement between the existing and new permittee containing a specific date for transfer of permit responsibility, coverage, and liability betweend them.

The new permittee must show evidence of financial responsibility by the submission of a surety bond, or other adequate assurance, such as financial statements or other materials acceptable to the Director.

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title *(Please type or print)*	Signature	Date Signed

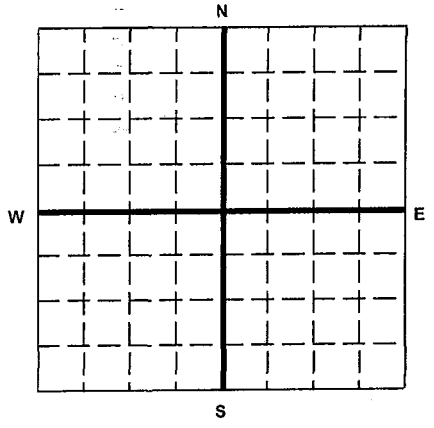
OMB No. 2040-0042 Approval Expires 1/31/05

United States Environmental Protection Agency
Washington, DC 20460

ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT

Name and Address of Existing Permittee	Name and Address of Surface Owner

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number

Surface Location Description

____ 1/4 of ____ 1/4 of ____ 1/4 of ____ 1/4 of Section ____ Township ____ Range ____

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location ____ ft. frm (N/S) ____ Line of quarter section and ____ ft. from (E/W) ____ Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal
- ☐ Enhanced Recovery
- ☐ Hydrocarbon Storage

TYPE OF PERMIT

- ☐ Individual
- ☐ Area

Number of Wells ____

Lease Name ____ Well Number ____

	INJECTION PRESSURE		TOTAL VOLUME INJECTED		TUBING -- CASING ANNULUS PRESSURE (OPTIONAL MONITORING)	
MONTH YEAR	AVERAGE PSIG	MAXIMUM PSIG	BBL	MCF	MINIMUM PSIG	MAXIMUM PSIG

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title *(Please type or print)*	Signature	Date Signed

OMB No. 2040-0042 Approval Expires 1/31/05

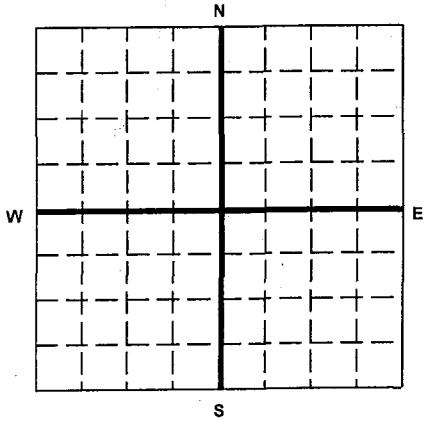
United States Environmental Protection Agency
Washington, DC 20460

EPA

PLUGGING AND ABANDONMENT PLAN

Name and Address of Facility	Name and Address of Owner/Operator

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number

Surface Location Description

___ 1/4 of ___ 1/4 of ___ 1/4 of ___ 1/4 of Section ___ Township ___ Range ___

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location ___ ft. frm (N/S) ___ Line of quarter section and ___ ft. from (E/W) ___ Line of quarter section.

TYPE OF AUTHORIZATION

- ☐ Individual Permit
- ☐ Area Permit
- ☐ Rule

Number of Wells ___

WELL ACTIVITY

- ☐ CLASS I
- ☐ CLASS II
  - ☐ Brine Disposal
  - ☐ Enhanced Recovery
  - ☐ Hydrocarbon Storage
- ☐ CLASS III

Lease Name ____ Well Number ____

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT (LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐ The Balance Method
- ☐ The Dump Bailer Method
- ☐ The Two-Plug Method
- ☐ Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inche							
Depth to Bottom of Tubing or Drill Pipe (ft							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type Cement or Other Material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To

Estimated Cost to Plug Wells

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title *(Please type or print)*	Signature	Date Signed

OMB No. 2040-0042 Approval Expires 1/31/05

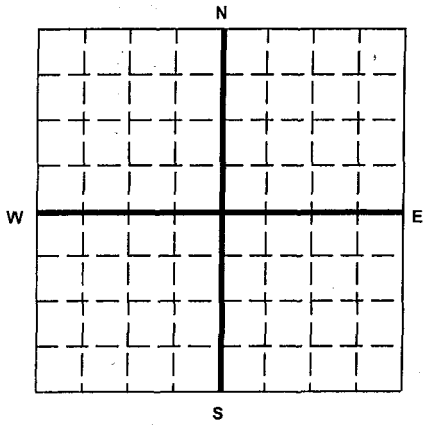
EPA

United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee	Name and Address of Contractor

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number

Surface Location Description

____ 1/4 of ____ 1/4 of ____ 1/4 of ____ 1/4 of Section ____ Township ____ Range ____

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface Location ____ ft. frm (N/S) ____ Line of quarter section and ____ ft. from (E/W) ____ Line of quarter section.

WELL ACTIVITY	Total Depth Before Rework	TYPE OF PERMIT
☐ Brine Disposal ☐ Enhanced Recovery ☐ Hydrocarbon Storage	Total Depth After Rework Date Rework Commenced	☐ Individual ☐ Area Number of Wells
Lease Name	Date Rework Completed	Well Number

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD -- AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title *(Please type or print)*	Signature	Date Signed

EPA Form 7520-12 (Rev. 8-01)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: **GROUND WATER SECTION GUIDANCE NO. 35**
Procedures to follow when excessive annular pressure is observed on a well.

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

The following procedure is intended as an aid to UIC field inspectors when they encounter excessive annular pressure on a well. Excessive annular pressure is defined as 100 psi or 10% of the tubing pressure, whichever is less.

Usually, annular pressure is a direct indication of a loss of mechanical integrity. In some instances, recurring annular pressure may be caused by fluctuations in the temperature of the injected fluid. These temperature fluctuations may cause the annular pressure to increase when a hot fluid is being injected and decrease as the temperature of the injected fluid cools. The presence of temperature-induced pressure on the annulus does not indicate a malfunction in the casing/tubing/packer system and is not considered a loss of mechanical integrity. Wells exhibiting recurring temperature-induced annular pressure may be allowed to continue injecting if a temperature monitoring program is approved and followed.

This guidance was written to help determine the cause of annular pressure. When the procedures in this guidance are followed, any major mechanical integrity problems (a breech in the casing/tubing/packer system) will become apparent quickly. A quick determination will allow the operator to begin follow-up procedures immediately to prevent contamination to USDWs.

Use Section Guidance No. 35 to determine <u>if</u> the well has experienced a loss of mechanical integrity. If you find that there <u>is</u> a loss of mechanical integrity, use *Headquarters Guidance No. 76. - Follow-up to loss of Mechanical Integrity for Class II Wells* to bring the well back into compliance. The use of Section Guidance No. 35 is not to be confused with, nor does it supersede any provision of Headquarters Guidance No. 76. Instead, the two guidance documents are meant to work together to identify and to remedy any potential mechanical integrity failure.

A flowchart for Section Guidance No. 35 is included for quick reference in the field.

Does Pressure Return to the Annulus after 15 Minutes?	YES On your inspection form, note the annulus and tubing pressures recorded after 15 minutes. Have the operator shut the well in for 2 hours, and if possible, bleed pressure from the injection tubing. Record the tubing and annulus pressure after two hours. Bleed off the annulus for 60 seconds. Record the tubing and annulus pressures after bleed-off, and estimate the volume bled off. INFORM THE OPERATOR THAT THE WELL HAS AN APPARENT MECHANICAL INTEGRITY FAILURE and provide the operator with the guidance that discusses OPERATOR RESPONSIBILITIES FOLLOWING MECHANICAL INTEGRITY FAILURES. **END PROCEDURE.**	NO Require the operator to monitor and report to EPA with the annulus and tubing pressures for at least 14 days to see if pressure returns to the annulus. Instruct the operator to contact EPA as soon as any pressure returns to the annulus.
DOES PRESSURE RETURN TO THE ANNULUS WITHIN 14 DAYS?	YES EPA Technical Expert will design a proper Mechanical Integrity test. Compliance officer will require the operator to conduct the test within 14 days.	NO The well is considered to have mechanical integrity. **END PROCEDURE.**
Does the Well Pass the MIT?	YES Require the operator to monitor and report to EPA with the annulus and tubing pressures for at least 14 days to see if pressure returns to the annulus.	NO INFORM THE OPERATOR THAT THE WELL HAS AN APPARENT MECHANICAL INTEGRITY FAILURE and provide the operator with the guidance that discusses OPERATOR RESPONSIBILITIES FOLLOWING MECHANICAL INTEGRITY FAILURES.

14-DAY PRESSURE MONITORING

Please use this form to report data for a 14-day period after pressure is bled from the tubing-casing annulus. Please telephone EPA in Denver as soon as possible when/if pressure returns to the annulus. This data will be used to determine the cause(s) of recurrent annular pressure.

NOTE: DO NOT BLEED PRESSURE FROM ANNULUS DURING THE 14-DAY MONITORING PERIOD.

	DATE	TIME	ANNULUS PRESSURE (psi)	TUBING PRESSURE (psi)	WELL INJECTING (YES/NO)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					

WELL NAME: _____

OPERATOR: _____

SIGNATURE: _____ DATE: _____

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: **GROUND WATER SECTION GUIDANCE NO. 34**
Cement bond logging techniques and interpretation

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

These procedures are to be followed when running and interpreting cement bond logs for injection and production (area of review) wells.

PART I - PREPARE THE WELL

Allow cement to cure for a sufficient time to develop full compressive strength. A safe bet is to let the cement cure for 72 hours. If you run the bond log before the cement achieves its maximum compressive strength, the log may show poor bonding. Check cement handbooks for curing times.

Circulate the hole with a fluid (either water or mud) of uniform consistency. Travel times are influenced by the type of fluid in the hole. If the fluid changes between two points, the travel times may "drift," causing difficulty in interpretation and quality control.

Be prepared to run the cement bond log under pressure to reduce the effects of micro-annulus. Micro-annulus may be caused by several reasons, but the existence of a micro-annulus does not necessarily destroy the cement's ability to form a hydraulic seal. If the log shows poor bonding, rerun the log with the slightly more pressure on the casing as was present when the cement cured. This will cause the casing to expand against the cement and close the micro-annulus.

PART II - PARAMETERS TO LOG

Amplitude (mV) - This curve shows how much acoustic signal reaches a receiver and is an important indicator of cement bond. Record the amplitude on the 3 foot spaced receiver.

Travel time (μs) - This curve shows the amount of time it takes an acoustic signal to travel between the source and a receiver. For free pipe of a given size and weight, the travel time between points is very predictable, although

PART IV - QUALITY CONTROL

Compare the tool calibration data to see if the tool "drifts" during logging. Differences in the calibration data may require you to re-log the well to obtain reliable data.

Compare repeat sections to see if logging results are repeatable.

Check the logged free pipe travel times with the service company charts for the specific tool and casing size used. Since the travel times depend on such factors as casing weight, type of fluid in the hole, etc., these charts should be used only as guidelines. When you are confident of the free-pipe travel times as seen on the log, use them. When interpreting the log, a decrease in travel time (faster times) with simultaneous reduction of amplitude may show a de-centered tool. A 4 to 5 micro-second (μs) decrease in travel time corresponds to about a 35% loss of amplitude. A decrease in travel time more than 4 to 5 μs is unacceptable.

PART V - LOG INTERPRETATION

Do not rely on the service company charts for amplitudes corresponding to a good bond. These amplitudes depend on many factors: type of cement used, fluid in the hole, etc.

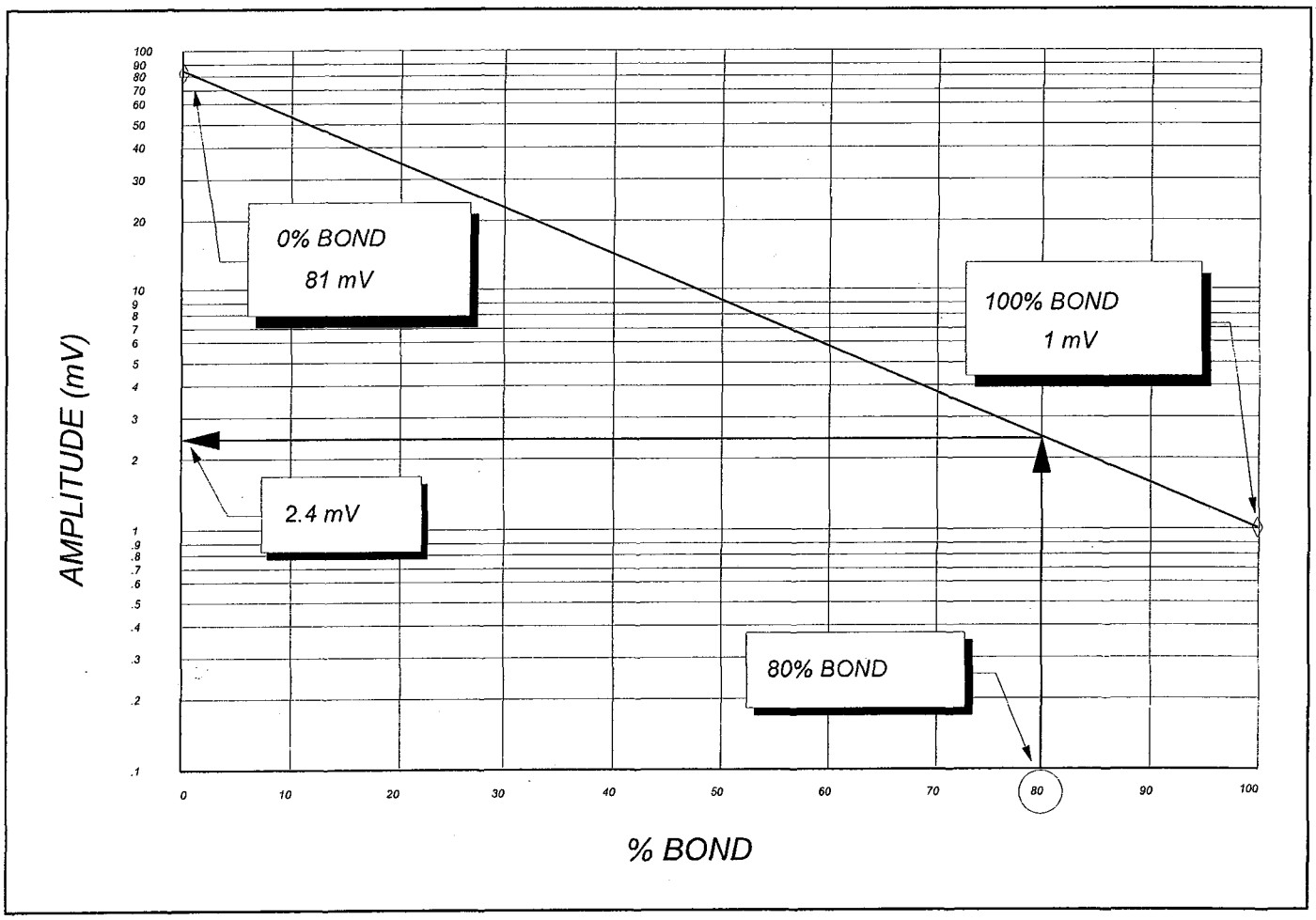
To estimate bond index, choose intervals on the log that correspond to 0% bond and 100% bond. Read the amplitude corresponding to 100% bond from the best-bonded interval on the log (NOTE: the accuracy of this amplitude reading is very critical to the bond index calculations). Next, find the amplitude corresponding to 0% bond. Some bond logs may not include a section with free pipe. In this instance, choose the appropriate free-pipe travel time from the service company charts for your specific tool, or from the generalized chart (TABLE 2) at the end of this guidance. To calculate a bond index of 80%, use the following equation:

$$A_{80} = 10^{[(0.2)\log(A_0) + (0.8)\log(A_{100})]}$$

where:

A_{80} = Amplitude at 80% bond (mV)

Using the values from the example above, your chart will look like that shown below:



In this example, <u>80% bond shows an amplitude of 2.4 mV</u>.

A convenient way to evaluate the log is to draw a line on the bond log's **amplified** amplitude (5X) track corresponding to the calculated 80% bond amplitude. Whenever the logged **amplified** amplitude (5X) curve drops below (to the left of) the drawn line, this indicates a bond of 80% or more.

PART IV - CONCLUSIONS - REMINDERS

Different pipe weights and cement types will affect the log readings, so be mindful of these factors in wells with varying pipe weights and staged cement or squeeze jobs.

TABLE 2 - TRAVEL TIMES AND AMPLITUDES FOR FREE PIPE
(3 FT RECEIVER)

CASING SIZE (in)	CASING WEIGHT (lb/ft)	TRAVEL TIME (μs)		AMPLITUDE (mV)
		1-11/16" TOOL	3-5/8" TOOL	
4-1/2	9.5	252	233	81
	11.6	250	232	81
	13.5	249	230	81
5	15.0	257	238	76
	18.0	255	236	76
	20.3	253	235	76
5-1/2	15.5	266	248	72
	17.0	265	247	72
	20.0	264	245	72
	23.0	262	243	72
7	23.0	291	271	62
	26.0	289	270	62
	29.0	288	268	62
	32.0	286	267	62
	35.0	284	265	62
	38.0	283	264	62
7-5/8	26.4	301	281	59
	29.7	299	280	59
	33.7	297	278	59
	39.0	295	276	59
9-5/8	40.0	333	313	51
	43.5	332	311	51
	47.0	330	310	51
	53.5	328	309	51
10-3/4	40.5	354	333	48
	45.5	352	332	48
	51.0	350	330	48
	55.5	349	328	48

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: **GROUND WATER SECTION GUIDANCE NO. 37**
Demonstrating Part II (external) Mechanical Integrity for a Class II injection well permit.

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

During the review for a Class II injection well permit, consideration must be given to the mechanical integrity (MI) of the well. MI demonstrates that the well is in sound condition and that the well is constructed in a manner that prevents injected fluids from entering any formation other than the authorized injection formation.

A demonstration of MI is a two part process:

PART I - **INTERNAL MECHANICAL INTEGRITY** is an assurance that there are no significant leaks in the casing/tubing/packer system.

PART II - **EXTERNAL MECHANICAL INTEGRITY** demonstrates that after fluid is injected into the formation, the injected fluids will not migrate out of the authorized injection interval through vertical channels adjacent to the wellbore.

A Class II injection well may demonstrate Part II MI by showing that injected fluids remain within the authorized injection interval. This may be accomplished as follows:

1) Cement bond log showing 80% bond through the an appropriate interval (Section Guidance 34),

2) Radioactive tracer survey conducted according to a EPA-approved procedure, or

3) Temperature survey conducted according to a EPA-approved procedure (Section Guidance 38).

For each test option above, the operator of the injection well should submit a plan for conducting the test. The plan will then be approved (or modified and approved) by EPA. EPA's pre-approval of the testing method will assure the operator that the

FCD:June 6, 1994:RCT/RCT/K:\GUIDANCE.37

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 300
DENVER, COLORADO 80202-2466

SUBJECT: **GROUND WATER SECTION GUIDANCE NO. 39**
Pressure testing injection wells for Part I (internal) Mechanical Integrity

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

Introduction

The Underground Injection Control (UIC) regulations require that an injection well have mechanical integrity at all times (40 CFR 144.28 (f)(2) and 40 CFR 144.51 (q)(1)). A well has mechanical integrity (40 CFR 146.8) if:

(1) There is no significant leak in the tubing, casing or packer; and

(2) There is no significant fluid movement into an underground source of drinking water (USDW) through vertical channels adjacent to the injection wellbore.

Definition: Mechanical Integrity Pressure Test for Part I. A pressure test used to determine the integrity of all the down hole components of an injection well, usually tubing, casing and packer. It is also used to test tubing cemented in the hole by using a tubing plug or retrievable packer. Pressure tests must be run at least once every five years. **If for any reason the tubing/packer is pulled, the injection well is required to pass another mechanical integrity test of the tubing casing and packer prior to recommencing injection regardless of when the last test was conducted. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on either the attached form or an equivalent form containing the necessary information. A pressure recording chart documenting the actual annulus test pressures must be attached to the form.**

This guidance addresses making a determination of Part I of Mechanical Integrity (no leaks in the tubing, casing or packer). The Region's policy is: 1) to determine if there are significant leaks in the tubing, casing or packer; 2) to assure that the casing can withstand pressure similar to that which

depending on well specific conditions (See Region VIII UIC Section Guidance #36);

5. Class II wells which have been temporarily abandoned (TAd) must be pressure tested after being shut-in for two years; and

6. Class III uranium extraction wells; initially.

Test Pressure

To assure that the test pressure will detect significant leaks and that the casing is subjected to pressure similar to that which would be applied if the tubing or packer fails, the tubing/casing annulus should be **tested at a pressure equal to the maximum allowed injection pressure or 1000 psig whichever is less. The annular test pressure must, however, have a difference of at least 200 psig either greater or less than the injection tubing pressure. Wells which inject at pressures of less than 300 psig must test at a minimum pressure of 300 psig, and the pressure difference between the annulus and the injection tubing must be at least 200 psi.**

Test Criteria

1. The duration of the pressure test is 30 minutes.

2. Both the annulus and tubing pressures should be monitored and recorded every five (5) minutes.

3. If there is a pressure change of 10 percent or more from the initial test pressure during the 30 minute duration, the well has failed to demonstrate mechanical integrity and should be shut-in until it is repaired or plugged.

4. A pressure change of 10 percent or more is considered significant. If there is no significant pressure change in 30 minutes from the time that the pressure source is disconnected from the annulus, the test may be completed as passed.

Recordkeeping and Reporting

The test results must be recorded on the attached form. The annulus pressure should be recorded at five (5) minute intervals. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on the attached form or an equivalent form and a pressure recording

6. Read tubing pressure and record on the form. If the well is shut-in, the reported information on the actual maximum operating pressure should be used to determine test pressures.

7. Read pressure on the casing/tubing annulus and record value on the form. If there is pressure on the annulus, it should be bled off prior to the test. If the pressure will not bleed-off, the guidance on well failures (Region VIII UIC Section Guidance #35) should be followed.

8. Ask the operator for the date of the last workover and the volume of fluid added to the annulus prior to this test and record information on the form.

9. Hook-up well to pressure source and apply pressure until test value is reached.

10. Immediately disconnect pressure source and start test time (If there has been a significant drop in pressure during the process of disconnection, the test may have to be restarted). The pressure gages used to monitor injection tubing pressure and annulus pressure should have a pressure range which will allow the test pressure to be near the mid-range of the gage. Additionally, the gage must be of sufficient accuracy and scale to allow an accurate reading of a 10 percent change to be read. For instance, a test pressure of 600 psi should be monitored with a 0 to 1000 psi gage. The scale should be incremented in 20 psi increments.

11. Record tubing and annulus pressure values every five (5) minutes.

12. At the end of the test, record the final tubing pressure.

13. If the test fails, check the valves, bull plugs and casing head close up for possible leaks. The well should be retested.

14. If the second test indicates a well failure, the Region should be informed of the failure within 24 hours by the operator, and the well should be shut-in within 48 hours per Headquarters guidance #76. A follow-up letter should be prepared by the operator which outlines the cause of the MIT failure and proposes a potential course of action. This report should be

QUESTAR

S. L. Tomkinson
Phone: 435-781-4308
Fax: 435-781-4329
Email: Stephanie.Tomkinson@questar.com

DOGM
FILE COPY

Questar Exploration and Production Company
11002 East 17500 South
Vernal, UT 84078
Tel 435 781 4300 • Fax 435 781 4329

October 3, 2005

Via Certified Mail: 7003 2260 0007 1318 6954

Nathan Wiser (8ENF-UFO)
UIC Program
U.S. EPA, Region VIII
999 18th Street, Suite 300
Denver, Colorado 80202-2466

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Notice of Completion of Construction
for
WV 3G-8-8-22
EPA # UT20954-06195
API #43-047-34596
Location: NENW Section 8 T8S R22E

Dear Mr. Wiser:

QEP Uinta Basin, Inc. (QEP) has completed construction for the subject well. Included with this notification are a successful Mechanical Integrity Test and a Well Rework Record (Form 7520-12). QEP requests permission to commence injection.

If you have any questions or require additional information, please call me at 435-781-4308.

Sincerely,

Stephanie L. Tomkinson
Regulatory Affairs Technician

RECEIVED
OCT 0 4 2005
DIV. OF OIL, GAS & MINING

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart
Form 7520-12 – Well Rework Record

cc: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
Attn: Mr. Gil Hunt

U.S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078
Attn: Mr. Matthew Baker

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: NONE **DATE:** 9/13/2005 **TIME:** 3:00 ☐ AM ☑ PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: Tom Walls (Rocky Mtn. Well) Tod Seiffert (Questar)

API NUMBER: 43-047-34596 **EPA ID NUMBER:** UT20954-06195

WELL NAME: WV 3G-8-8-22 **TYPE:** ☑ ER ☐ SWD **STATUS:** ☑ AC ☐ TA ☐ UC

FIELD: Wonsits Valley

WELL LOCATION: NENW Section 8-T8S-R22E ☐ N ☐ S ☐ E ☐ W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: new **MAXIMUM ALLOWABLE PRESSURE:** 1600 PSIG

IS THIS A REGULAR SCHEDULED TEST? ☑ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☑ NO

TEST AFTER WELL WORK? ☐ YES ☑ NO

WELL INJECTING DURING TEST? ☐ YES ☑ NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	0 PSIG	PSIG	PSIG
END OF TEST PRESSURE	0 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1185.8 @15:03:23 PSIG	0 PSIG	PSIG
5 MINUTES	1177.2 @15:08:20 PSIG	0 PSIG	PSIG
10 MINUTES	1174.4 @15:13:26 PSIG	0 PSIG	PSIG
15 MINUTES	1172.9 @15:18:23 PSIG	0 PSIG	PSIG
20 MINUTES	1172.0 @15:23:29 PSIG	0 PSIG	PSIG
25 MINUTES	1171.6 @ 15:28:26 PSIG	0 PSIG	PSIG
30 MINUTES	1171.4 @15:33:32 PSIG	0 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☑ NO

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:00:41	1	1	0		70
13	SEP	2005	15:00:50	1	2	0		70
13	SEP	2005	15:00:59	1	3	0		70
13	SEP	2005	15:01:08	1	4	0		70
13	SEP	2005	15:01:17	1	5	0		70
13	SEP	2005	15:01:26	1	6	0		70
13	SEP	2005	15:01:35	1	7	0		70
13	SEP	2005	15:01:44	1	8	0		70
13	SEP	2005	15:01:53	1	9	122.85		70
13	SEP	2005	15:02:02	1	10	354.58		70
13	SEP	2005	15:02:11	1	11	493.59		70
13	SEP	2005	15:02:20	1	12	800.6		70
13	SEP	2005	15:02:29	1	13	1182		70
13	SEP	2005	15:02:38	1	14	1177.8		70
13	SEP	2005	15:02:47	1	15	1197.9		70
13	SEP	2005	15:02:56	1	16	1203		72
13	SEP	2005	15:03:05	1	17	1180.8		72
13	SEP	2005	15:03:14	1	18	1193.6		72
13	SEP	2005	15:03:23	1	19	1185.8	0	72
13	SEP	2005	15:03:32	1	20	1184.4		72
13	SEP	2005	15:03:41	1	21	1186.9		72
13	SEP	2005	15:03:51	1	22	1182		72
13	SEP	2005	15:04:00	1	23	1183.4		72
13	SEP	2005	15:04:08	1	24	1182.7		72
13	SEP	2005	15:04:17	1	25	1183.1		72
13	SEP	2005	15:04:26	1	26	1182.6		72
13	SEP	2005	15:04:35	1	27	1181.8		73
13	SEP	2005	15:04:44	1	28	1181.9		73
13	SEP	2005	15:04:53	1	29	1181.3		73
13	SEP	2005	15:05:02	1	30	1181.3		73
13	SEP	2005	15:05:11	1	31	1180.9		73
13	SEP	2005	15:05:20	1	32	1180.6		73
13	SEP	2005	15:05:29	1	33	1180.4		73
13	SEP	2005	15:05:38	1	34	1180.2		73
13	SEP	2005	15:05:47	1	35	1180		73
13	SEP	2005	15:05:56	1	36	1179.8		73
13	SEP	2005	15:06:05	1	37	1179.6		73
13	SEP	2005	15:06:14	1	38	1179.4		73
13	SEP	2005	15:06:23	1	39	1179.1		75
13	SEP	2005	15:06:32	1	40	1179		75
13	SEP	2005	15:06:41	1	41	1178.8		75
13	SEP	2005	15:06:50	1	42	1178.7		75
13	SEP	2005	15:06:59	1	43	1178.5		75
13	SEP	2005	15:07:08	1	44	1178.4		75
13	SEP	2005	15:07:17	1	45	1178.3		75
13	SEP	2005	15:07:26	1	46	1178.1		75
13	SEP	2005	15:07:35	1	47	1178		75
13	SEP	2005	15:07:44	1	48	1177.8		75
13	SEP	2005	15:07:54	1	49	1177.7		75

QEP

WV 3G-8-8-22 MIT

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:08:03	1	50	1177.6		75
13	SEP	2005	15:08:11	1	51	1177.5		75
13	SEP	2005	15:08:20	1	52	1177.2	0	77
13	SEP	2005	15:08:29	1	53	1177.1		77
13	SEP	2005	15:08:38	1	54	1177		77
13	SEP	2005	15:08:47	1	55	1176.9		77
13	SEP	2005	15:08:56	1	56	1176.8		77
13	SEP	2005	15:09:05	1	57	1176.7		77
13	SEP	2005	15:09:14	1	58	1176.6		77
13	SEP	2005	15:09:23	1	59	1176.5		77
13	SEP	2005	15:09:32	1	60	1176.4		77
13	SEP	2005	15:09:41	1	61	1176.3		77
13	SEP	2005	15:09:50	1	62	1176.2		77
13	SEP	2005	15:09:59	1	63	1176.1		77
13	SEP	2005	15:10:08	1	64	1176		77
13	SEP	2005	15:10:17	1	65	1176		77
13	SEP	2005	15:10:26	1	66	1175.9		77
13	SEP	2005	15:10:35	1	67	1175.8		77
13	SEP	2005	15:10:44	1	68	1175.7		77
13	SEP	2005	15:10:53	1	69	1175.7		77
13	SEP	2005	15:11:02	1	70	1175.6		77
13	SEP	2005	15:11:11	1	71	1175.5		77
13	SEP	2005	15:11:20	1	72	1175.4		77
13	SEP	2005	15:11:29	1	73	1175.4		77
13	SEP	2005	15:11:38	1	74	1175.3		77
13	SEP	2005	15:11:47	1	75	1175.2		77
13	SEP	2005	15:11:57	1	76	1175		79
13	SEP	2005	15:12:06	1	77	1174.9		79
13	SEP	2005	15:12:14	1	78	1174.9		79
13	SEP	2005	15:12:23	1	79	1174.8		79
13	SEP	2005	15:12:32	1	80	1174.8		79
13	SEP	2005	15:12:41	1	81	1174.7		79
13	SEP	2005	15:12:50	1	82	1174.6		79
13	SEP	2005	15:12:59	1	83	1174.6		79
13	SEP	2005	15:13:08	1	84	1174.5		79
13	SEP	2005	15:13:17	1	85	1174.5		79
13	SEP	2005	15:13:26	1	86	1174.4	0	79
13	SEP	2005	15:13:35	1	87	1174.3		79
13	SEP	2005	15:13:44	1	88	1174.3		79
13	SEP	2005	15:13:53	1	89	1174.3		79
13	SEP	2005	15:14:02	1	90	1174.2		79
13	SEP	2005	15:14:11	1	91	1174.1		79
13	SEP	2005	15:14:20	1	92	1174.1		79
13	SEP	2005	15:14:29	1	93	1174.1		79
13	SEP	2005	15:14:38	1	94	1174		79
13	SEP	2005	15:14:47	1	95	1174		79
13	SEP	2005	15:14:56	1	96	1173.9		79
13	SEP	2005	15:15:05	1	97	1173.9		79
13	SEP	2005	15:15:14	1	98	1173.8		79

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:15:23	1	99	1173.6		81
13	SEP	2005	15:15:32	1	100	1173.6		81
13	SEP	2005	15:15:41	1	101	1173.6		81
13	SEP	2005	15:15:51	1	102	1173.5		81
13	SEP	2005	15:16:00	1	103	1173.5		81
13	SEP	2005	15:16:08	1	104	1173.4		81
13	SEP	2005	15:16:17	1	105	1173.4		81
13	SEP	2005	15:16:26	1	106	1173.4		81
13	SEP	2005	15:16:35	1	107	1173.3		81
13	SEP	2005	15:16:44	1	108	1173.3		81
13	SEP	2005	15:16:53	1	109	1173.2		81
13	SEP	2005	15:17:02	1	110	1173.2		81
13	SEP	2005	15:17:11	1	111	1173.2		81
13	SEP	2005	15:17:20	1	112	1173.1		81
13	SEP	2005	15:17:29	1	113	1173.1		81
13	SEP	2005	15:17:38	1	114	1173		81
13	SEP	2005	15:17:47	1	115	1173		81
13	SEP	2005	15:17:56	1	116	1173		81
13	SEP	2005	15:18:05	1	117	1173		81
13	SEP	2005	15:18:14	1	118	1172.9		81
13	SEP	2005	15:18:23	1	119	1172.9	0	81
13	SEP	2005	15:18:32	1	120	1172.9		81
13	SEP	2005	15:18:41	1	121	1172.8		81
13	SEP	2005	15:18:50	1	122	1172.8		81
13	SEP	2005	15:18:59	1	123	1172.8		81
13	SEP	2005	15:19:08	1	124	1172.7		81
13	SEP	2005	15:19:17	1	125	1172.7		81
13	SEP	2005	15:19:26	1	126	1172.7		81
13	SEP	2005	15:19:35	1	127	1172.7		81
13	SEP	2005	15:19:44	1	128	1172.7		81
13	SEP	2005	15:19:54	1	129	1172.6		81
13	SEP	2005	15:20:03	1	130	1172.6		81
13	SEP	2005	15:20:11	1	131	1172.6		81
13	SEP	2005	15:20:20	1	132	1172.5		81
13	SEP	2005	15:20:29	1	133	1172.5		81
13	SEP	2005	15:20:38	1	134	1172.5		81
13	SEP	2005	15:20:47	1	135	1172.5		81
13	SEP	2005	15:20:56	1	136	1172.3		82
13	SEP	2005	15:21:05	1	137	1172.3		82
13	SEP	2005	15:21:14	1	138	1172.3		82
13	SEP	2005	15:21:23	1	139	1172.3		82
13	SEP	2005	15:21:32	1	140	1172.2		82
13	SEP	2005	15:21:41	1	141	1172.3		82
13	SEP	2005	15:21:50	1	142	1172.2		82
13	SEP	2005	15:21:59	1	143	1172.2		82
13	SEP	2005	15:22:08	1	144	1172.2		82
13	SEP	2005	15:22:17	1	145	1172.1		82
13	SEP	2005	15:22:26	1	146	1172.1		82
13	SEP	2005	15:22:35	1	147	1172.1		82

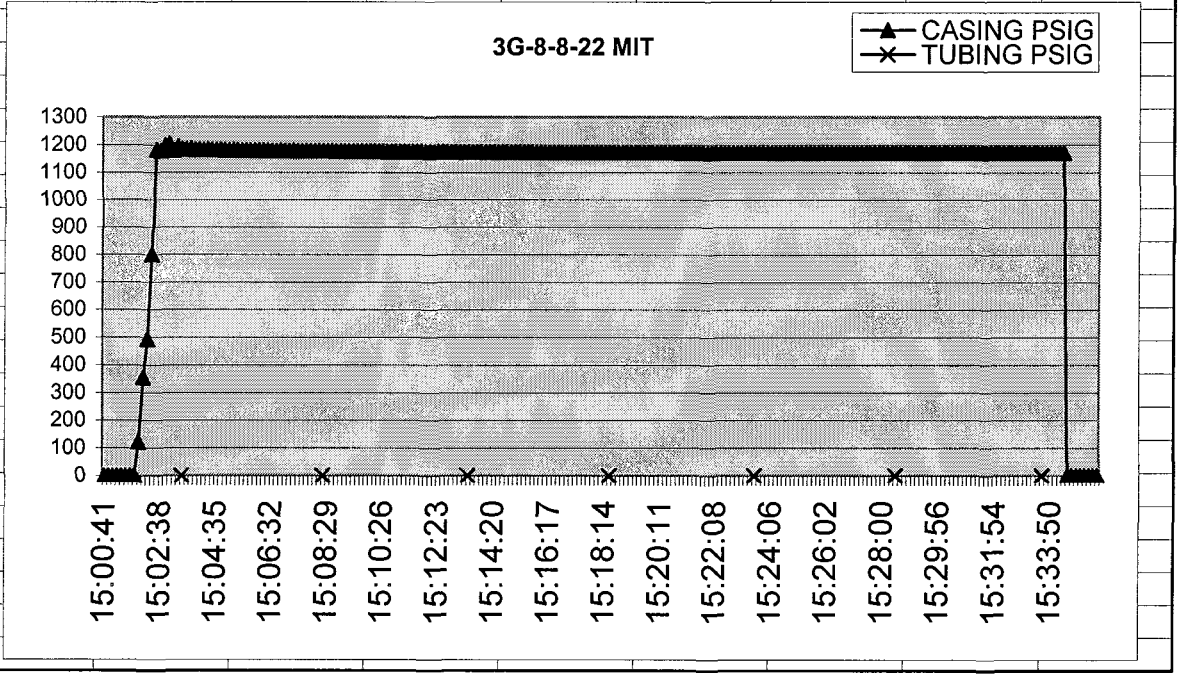
3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:22:44	1	148	1172.1		82
13	SEP	2005	15:22:53	1	149	1172.1		82
13	SEP	2005	15:23:02	1	150	1172		82
13	SEP	2005	15:23:11	1	151	1172		82
13	SEP	2005	15:23:20	1	152	1172		82
13	SEP	2005	15:23:29	1	153	1172	0	82
13	SEP	2005	15:23:38	1	154	1172		82
13	SEP	2005	15:23:47	1	155	1172		82
13	SEP	2005	15:23:57	1	156	1172		82
13	SEP	2005	15:24:06	1	157	1171.9		82
13	SEP	2005	15:24:14	1	158	1171.9		82
13	SEP	2005	15:24:23	1	159	1171.9		82
13	SEP	2005	15:24:32	1	160	1171.9		82
13	SEP	2005	15:24:41	1	161	1171.9		82
13	SEP	2005	15:24:50	1	162	1171.8		82
13	SEP	2005	15:24:59	1	163	1171.8		82
13	SEP	2005	15:25:08	1	164	1171.8		82
13	SEP	2005	15:25:17	1	165	1171.8		82
13	SEP	2005	15:25:26	1	166	1171.8		82
13	SEP	2005	15:25:35	1	167	1171.8		82
13	SEP	2005	15:25:44	1	168	1171.7		82
13	SEP	2005	15:25:53	1	169	1171.7		82
13	SEP	2005	15:26:02	1	170	1171.7		82
13	SEP	2005	15:26:11	1	171	1171.7		82
13	SEP	2005	15:26:20	1	172	1171.7		82
13	SEP	2005	15:26:29	1	173	1171.7		82
13	SEP	2005	15:26:38	1	174	1171.7		82
13	SEP	2005	15:26:47	1	175	1171.7		82
13	SEP	2005	15:26:56	1	176	1171.7		82
13	SEP	2005	15:27:05	1	177	1171.7		82
13	SEP	2005	15:27:14	1	178	1171.7		82
13	SEP	2005	15:27:23	1	179	1171.6		82
13	SEP	2005	15:27:32	1	180	1171.6		82
13	SEP	2005	15:27:41	1	181	1171.6		82
13	SEP	2005	15:27:51	1	182	1171.6		82
13	SEP	2005	15:28:00	1	183	1171.6		82
13	SEP	2005	15:28:08	1	184	1171.6		82
13	SEP	2005	15:28:17	1	185	1171.6		82
13	SEP	2005	15:28:26	1	186	1171.6	0	82
13	SEP	2005	15:28:35	1	187	1171.6		82
13	SEP	2005	15:28:44	1	188	1171.6		82
13	SEP	2005	15:28:53	1	189	1171.6		82
13	SEP	2005	15:29:02	1	190	1171.6		82
13	SEP	2005	15:29:11	1	191	1171.6		82
13	SEP	2005	15:29:20	1	192	1171.5		82
13	SEP	2005	15:29:29	1	193	1171.5		82
13	SEP	2005	15:29:38	1	194	1171.5		82
13	SEP	2005	15:29:47	1	195	1171.5		82
13	SEP	2005	15:29:56	1	196	1171.5		82

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:30:05	1	197	1171.5		82
13	SEP	2005	15:30:14	1	198	1171.5		82
13	SEP	2005	15:30:23	1	199	1171.5		82
13	SEP	2005	15:30:32	1	200	1171.5		82
13	SEP	2005	15:30:41	1	201	1171.5		82
13	SEP	2005	15:30:50	1	202	1171.4		82
13	SEP	2005	15:30:59	1	203	1171.5		82
13	SEP	2005	15:31:08	1	204	1171.4		82
13	SEP	2005	15:31:17	1	205	1171.5		82

QEP

WV 3G-8-8-22 MIT

3000	PSIG	2404-1	10	FEB	5			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
13	SEP	2005	15:31:26	1	206	1171.4		82
13	SEP	2005	15:31:35	1	207	1171.4		82
13	SEP	2005	15:31:44	1	208	1171.4		82
13	SEP	2005	15:31:54	1	209	1171.4		82
13	SEP	2005	15:32:03	1	210	1171.4		82
13	SEP	2005	15:32:11	1	211	1171.4		82
13	SEP	2005	15:32:20	1	212	1171.4		82
13	SEP	2005	15:32:29	1	213	1171.4		82
13	SEP	2005	15:32:38	1	214	1171.4		82
13	SEP	2005	15:32:47	1	215	1171.4		82
13	SEP	2005	15:32:56	1	216	1171.4		82
13	SEP	2005	15:33:05	1	217	1171.4		82
13	SEP	2005	15:33:14	1	218	1171.4		82
13	SEP	2005	15:33:23	1	219	1171.4		82
13	SEP	2005	15:33:32	1	220	1171.4	0	82
13	SEP	2005	15:33:41	1	221	1171.3		84
13	SEP	2005	15:33:50	1	222	1171.3		84
13	SEP	2005	15:33:59	1	223	1171.3		84
13	SEP	2005	15:34:08	1	224	1171.3		84
13	SEP	2005	15:34:17	1	225	1171.3		84
13	SEP	2005	15:34:26	1	226	0		84
13	SEP	2005	15:34:35	1	227	0		84
13	SEP	2005	15:34:44	1	228	0		84
13	SEP	2005	15:34:53	1	229	0		84
13	SEP	2005	15:35:02	1	230	0		84
13	SEP	2005	15:35:11	1	231	0		84
13	SEP	2005	15:35:20	1	232	0		84
13	SEP	2005	15:35:29	1	233	0		84



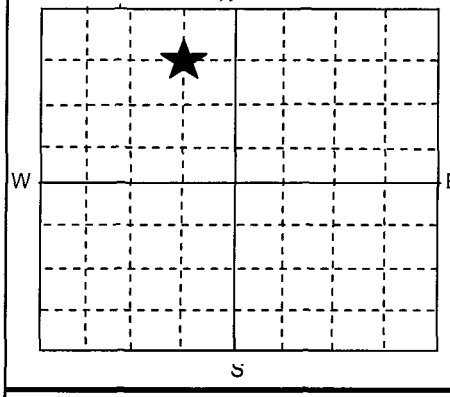
Form Approved OMB No. 2040-0042 Expires 6-30-98

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
QEP Uinta Basin, Inc 11002 East 17500 South Vernal, UT 84078	Rocky Mountain Well Service 105 South St. (PO Box 311) Rangley, CO 81648

Locate Well and Outline Unit on Section Plat - 640 Acres



STATE	COUNTY	PERMIT NUMBER
UTAH	Uintah	UT20954-06195

SURFACE LOCATION DESCRIPTION
NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 730 ft. From (N/S) FNL Line of Quarter Section
And 2021 ft. From (E/W) FWL Line of Quarter Section

WELL ACTIVITY
- ☐ Brine Disposal
- ☑ Enhanced Recovery
- ☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework	Total Depth After Rework	Date Rework Commenced	Date Rework Completed
5900'	5900'	9/12/2005	9/14/2005

TYPE OF PERMIT
- ☑ Individual
- ☐ Area

Number of Wells 1

Well Number
WV 3G-8-8-22

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

WELL CASING RECORD - AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals
See attached wellbore schematic for summary and rig work reports for daily detail.		

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE	SIGNATURE	DATE SIGNED
Stephanie L. Tomkinson, Regulatory Affairs Technician	S L Tomkinson	9/29/2005

EPA Form 7520-12

SUTO8817310

FIELD: Wonsits Valley | GL: 5,126' KBE: 5,140' | Spud Date: 02/10/03 Completion Date: 9-13-05

Well: WV 3G 8-8-22 | TD: 5,900' PBTD: 5,825' | Current Well Status: **Waiting on Orders**

Location:
NENW Sec. 8, T8S, R22E API#: 43-047- 34596
Uintah County, Utah

Reason for Pull/Workover:
Convert to Injection well

Wellbore Schematic

Surface casing
Size: 9- 5/8"
Weight: 36.00 #/ft
Grade: K - 55
Cmtd w/ 175 sxs

Hole size: 12- 1/4"
Set @ 484'

TOC @ 450'

EXCLUDED PERFS

OPEN PERFS

F Nipple @ 5657 '
PKR @ 5662 '
EOT @ 5663 '

>>>> <<<<

5709' - 5718' W/8 - SPF

Production Casing
Size: 5 -1/2"
Weight: 15.50 #/ft
Grade: J - 55
Cmtd w/ 700 sxs
Set @ 5898'
Hole size: 8 3/4"

PBTD @ 5,825' '
TD @ 5,900' '

Tubing Landing Detail:

Description	Size	Footage	Depth
K.B		14.00	14.00
8000# compression		(2.00)	12.00
175 - jts J-55 2 7/8	2 7/8"	5,644.18	5,656.18
F - NIPPLE (1.81" I.D.)	2 7/8"	1.07	5,657.25
5 1/2" Halliburton PKR	2 7/8"	4.95	5,662.20
Re Entry TBG COLLAR	2 7/8"	0.58	5,662.78
EOT @			**5,662.78**

TUBING INFORMATION
Condition:
New: _____ Used: _____ Rerun: x
Grade: J- 55
Weight (#/ft): 6.50 #/ft

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information
Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Manufacture: _____

Pump Information:
API Designation
Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: _____ Original Run Date: _____
RERUN _____ NEW RUN _____

ESP Well
Cable Size: _____
Pump Intake @ _____ '
End of Pump @ _____ '

Flowing Well
SN @ 5656 '
PKR @ _____
EOT @ 5663 '

Wellhead Detail: Example: 7-1/16" 3000#
7-1/16" 5000#

Other: _____
Hanger: Yes _____ No x

SUMMARY
9-13-05 Convert well to injection. New Halliburton PKR. Spot PKR fluid. MIT tested OK.
TBG LANDED ON 7-1/16" FLANGE

Prepared By:Todd Seiffert Date: 9-15-05

INITIAL

Recompletion

Questar Exploration and Production--Uintah Basin

Daily Completion/Re-Completion/**Production Rig Work**/Workover/P&A **Report**

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	9/13/2005
GL & AFE #:	SUTO8817310//24736	**Report Written By:**	Todd Seiffert
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2" 15.5# J-55	**Final Completion Date:**	
CASING DEPTH:	5898	**TD:**	5,900
Ser. Co.& Rig #:	RMWS #3	**PBTD:**	5,825

COSTS

Major Account

830 Completion & Recompletion (AFE required)

Production Rig Work (No AFE)

Workover (AFE required)

Plug & Abandon (AFE required)

Daily Fluid Report

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

Perfs

5709'-5718'

		DAILY	CUMULATIVE
205	Rig	3,700	3,700
221	Trucking/freight	2,500	2,500
222	Hot oil truck	0	0
220	Hauling fluids from location	0	0
209	Logs	0	0
280	Labor/roustabouts/sup	500	500
219	Water hauled to location	0	0
900	Contingencies	0	0
202	Cementing	0	0
201	Cement squeeze	0	0
211	Stimulation	0	0
231	Bridge plugs and pkrs	0	0
213	Completion consulting	0	0
217	Perforating	0	0
203	Wireline services	0	0
207	Completion Tool Rental	0	0
330	Surface equip.rental	2,200	2,200
215	Well test & flow back	0	0
250	Equip. insp. & testing	0	0
550	Fishing	0	
270	Formation psi data	0	
233	Materials and supplies	0	0
220	Hauling trash from loc.	0	
	TOTAL DAILY COST >	8,900	8,900 **< TOTAL CUMULATIVE COST**

DAILY TOUR REPORT: 9-12-05 **INITIAL RECOMPLETION REPORT**

CONVERT GAS WELL TO INJECTION WELL

MIRU Rocky Mtn Well Service. RU Advantage Hot Oiler & flush tbg w/ 200 bbls 240* produced water. Well circulated after 35 bbls. NDWH. NU 7 1/16" 5M BOP. Tally out of hole w/ 174 jts 2 7/8", 1.81" f-nipple 1 jt 2 7/8" tbg & tbg collar. Total w/ KB = 5659.65'. RIH w/ 4 3/4" bit, 5 1/2" csg scraper, 1 jt 2 7/8" tbg, f-nipple, & 48 jts tbg to 1600'. SWIFN & Lock rams.

9-13-05 will continue to RIH w/ bit & scraper

Questar Exploration and Production--Uintah Basin

Daily Completion/Re-Completion/**Production Rig Work**/Workover/P&A **Report**

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	9/14/2005
GL & AFE #:	SUTO8817310//24736	**Report Written By:**	Todd Seiffert
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2" 15.5# J-55	**Final Completion Date:**	
CASING DEPTH:	5898	**TD:**	5,900
Ser. Co.& Rig #:	RMWS #3	**PBTD:**	5,825

COSTS

Major Account
830 Completion & Recompletion (AFE required)
Production Rig Work (No AFE)
Workover (AFE required)
Plug & Abandon (AFE required)

Daily Fluid Report

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	**0**
Load left to recover:	0

Perfs

5709'-5718'

		DAILY	CUMULATIVE
205	Rig	3,600	7,300
221	Trucking/freight	0	2,500
222	Hot oil truck	0	0
220	Hauling fluids from location	0	0
209	Logs	0	0
280	Labor/roustabouts/sup	250	750
219	Water hauled to location	0	0
900	Contingencies	0	0
202	Cementing	0	0
201	Cement squeeze	0	0
211	Stimulation	0	0
231	Bridge plugs and pkrs.	3,400	3,400
213	Completion consulting	0	0
217	Perforating	0	0
203	Wireline services	0	0
207	Completion Tool Rental	0	0
330	Surface equip.rental	200	2,400
215	Well test & flow back	0	0
250	Equip. insp. & testing	0	0
550	Fishing	0	
270	Formation psi data	0	
233	Materials and supplies	0	0
220	Hauling trash from loc.	0	
	TOTAL DAILY COST >	7,450	16,350 **< TOTAL CUMULATIVE COST**

DAILY TOUR REPORT: 9/13/2005 SICP = 0# SITP = 0#

Finish RIH w/ 4 3/4" bit, 5 1/2" csg scraper, f-nipple & 2 7/8" tbg. Tag PBTD @ 5825'. Reverse circulate well clean w/ 60 bbls produce water. POOH w/ bit & scraper. RIH w/ Halliburton 5 1/2" PKR, 1.81" f-nipple & 2 7/8" J-55 tbg. Set PKR @ 5758'. Pressure test 2 7/8" tbg to 2000#. OK. Release PKR. Lay down 3 jts tbg, ND BOP. Circulated 90 bbls PKR fluid down csg. Set 5 1/2" PKR w/ 8000# comp @ 5662, w/ f-nipple @ 5657' & EOT @ 5662.78'. NUWH & pressure tested PKR & csg to 1200#. OK. SWIFN.

9-14-05 will RDMO.

Tbg Detail

KB = 14.0'
8,000# Compression = -2.00'
175 jts of 2 7/8" J-55 tbg = 5644.18'
1.81 F-nipple = 1.07"
5 1/2" Halliburton PKR = 5.53'
Re Entry Collar = .58'
Tbg Tail @ 5662.78'
PKR @ 5662.20'
F-nipple @ 5657.25'

09/14/2005 22:25

Recomp

Final Report

Questar Exploration and Production--Uintah Basin

Daily Completion/Re-Completion/**Production Rig Work**/Workover/P&A **Report**

WELL NUMBER:	WV 3G 8 8-22	**Report Date:**	9/15/2005
GL & AFE #:	SUTO8817310//24736	**Report Written By:**	Todd Seiffert
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2" 15.5# J-55	**Final Completion Date:**	
CASING DEPTH:	5898	**TD:**	5,900
Ser. Co.& Rig #:	RMWS #3	**PBTD:**	5,825

COSTS

Major Account
830 Completion & Recompletion (AFE required)
Production Rig Work (No AFE)
Workover (AFE required)
Plug & Abandon (AFE required)

Daily Fluid Report

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	**0**
Load left to recover:	0

Perfs

5709'-5718'

		DAILY	CUMULATIVE
205	Rig	1,400	8,700
221	Trucking/freight	0	2,500
222	Hot oil truck	0	0
220	Hauling fluids from location	0	0
209	Logs	0	0
280	Labor/roustabouts/sup	250	1,000
219	Water hauled to location	0	0
900	Contingencies	0	0
202	Cementing	0	0
201	Cement squeeze	0	0
211	Stimulation	0	0
231	Bridge plugs and pkrs	0	3,400
213	Completion consulting	0	0
217	Perforating	0	0
203	Wireline services	0	0
207	Completion Tool Rental	0	0
330	Surface equip.rental	0	2,400
215	Well test & flow back	0	0
250	Equip. insp. & testing	0	0
550	Fishing	0	
270	Formation psi data	0	
233	Materials and supplies	0	0
220	Hauling trash from loc.	0	
	TOTAL DAILY COST >	1,650	18,000 **< TOTAL CUMULATIVE COST**

DAILY TOUR REPORT: 9/14/2005 RDMO RMWS.

FINAL REPORT

Tbg Detail

KB = 14.0'
8,000# Compression = -2.00'
175 jts of 2 7/8" J-55 tbg = 5644.18'
1.81 F-nipple = 1.07"
5 1/2" Halliburton PKR = 5.53'
Re Entry Collar = .58'
Tbg Tail @ 5662.78'
PKR @ 5662.20'
F-nipple @ 5657.25'

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET- SUITE 200
DENVER, CO 80202-2466
Phone 800-227-8917
http://www.epa.gov/region08

NOV 18 2005

RECEIVED
NOV 23 2005
DIV. OF OIL, GAS & MINING

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Stephanie Tomkinson
QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078

43-047-34576

Re: Underground Injection Control (UIC)
Authorization to Commence Injection
Well Name: WV 3G-8-8-22
Uintah County, UT
EPA Permit Number **UT20954-06195**

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Ms. Tomkinson:

QEP Uinta Basin, Inc. has satisfactorily fulfilled all the Environmental Protection Agency (EPA) **Prior to Commencing Injection** requirements in the Well Permit UT20954-06195 (effective February 17, 2005). Prior to Injection Requirements, i.e., Part I (Internal) Mechanical Integrity Test, Well Rework Record, and pore pressure were received and approved by the EPA on October 31, 2005.

QEP Uinta Basin, Inc., as of the date of this letter, is authorized to commence injection into the WV 3G-8-8-22 well. There will be no limitation on the number of barrels of water that will be injected into the Green River Formation interval 5380 feet to 5825 feet. Until such time that the Permittee demonstrates that the fracture gradient is other than 0.733 psi/ft, the WV 3G-8-8-22 well shall be operated at a **maximum allowable injection pressure no greater than 1600 psig.**

As of this approval, responsibility for Permit compliance and enforcement is transferred to the EPA Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

Mr. Nathan Wiser
Technical Enforcement Program – UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
999 18th Street, Suite 200
Denver, CO 80202-2466
Phone: 303-312-6211 or 1-800-227-8917, ext. #6211

Please be reminded that it is your responsibility to be aware of, and to comply with, all conditions of Permit UT20954-06195. If you have any questions in regard to the above action, please contact Chuck Tinsley at 303-312-6266 or at 1-800-227-8917, ext. #6266.

Sincerely,

Tracy M. Eagle
Director
Ground Water Program

cc: Ms. Maxine Natchees, Uintah and Ouray Business Committee
Ms. Elaine Willie, Ute Indian Tribe
Mr. Chester Mills, Bureau of Indian Affairs, U&O Agency
Mr. Gil Hunt, State of Utah, DOGM
Mr. Matt Baker, Bureau of Land Management

QUESTAR

S. L. Tomkinson
Phone: 435-781-4308
Fax: 435-781-4323
Email: stephanie.tomkinson@questar.com

QEP Uinta Basin, Inc.
11002 East 17500 South
Vernal, UT 84078
Tel 435 781 4300 • Fax 435 781 4329

Via Certified Mail: 7005 0390 0004 6658 1840

July 20, 2006

Nathan Wiser (8ENF-UFO)
UIC Program
U.S. EPA, Region VIII
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RE: WV 3G-8-8-22
Request to Resume Injection
EPA # UT20954-06195
API # 43-047-34596
NENW Section 8 T8S R22E

Dear Mr. Wiser:

The above referenced well has been repaired and tested. The well rework record (Form 7520-12) and the results of a successful Mechanical Integrity Test (MIT) are attached.

QEP respectfully requests authorization from your office to resume injection. If you have any questions or need additional information, I can be reached in the Vernal office at (435) 781-4308.

Sincerely,

Stephanie L. Tomkinson
Regulatory Affairs Biologist

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

Enclosures: Well Rework Record Form 7520-12
Casing or Annulus Pressure Mechanical Integrity Test

CC: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

U.S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

RECEIVED
JUL 2 8 2006
DIV. OF OIL, GAS & MINING

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: NONE **DATE:** 7/19/2006 **TIME:** 9:50 ☑ AM ☐ PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: LYNN SMITH (ADVANTAGE OILFIELD SERVICE)

API NUMBER: 43-047-34596 **EPA ID NUMBER:** UT20954-06195

WELL NAME: WV 3G 8 8 22 **TYPE:** ☑ ER ☐ SWD **STATUS:** ☐ AC ☐ TA ☑ UC

FIELD: WONSITS VALLEY

WELL LOCATION: NENW SEC8-T8S-R22E ☐ N ☐ S ☐ E ☐ W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: 13-Sep-05 **MAXIMUM ALLOWABLE PRESSURE:** 1600 PSIG

IS THIS A REGULAR SCHEDULED TEST? ☐ YES ☑ NO

INITIAL TEST FOR PERMIT? ☐ YES ☑ NO

TEST AFTER WELL WORK? ☑ YES ☐ NO

WELL INJECTING DURING TEST? ☐ YES ☑ NO IF YES, RATE: NO BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 4 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	439.2 PSIG	PSIG	PSIG
END OF TEST PRESSURE	440.3 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1161.5 @9:53:56 PSIG	439.2 PSIG	PSIG
5 MINUTES	1155.4 @9:58:49 PSIG	440.2 PSIG	PSIG
10 MINUTES	1153.6 @ 10:03:57 PSIG	439.7 PSIG	PSIG
15 MINUTES	1151.1 @ 10:08:51 PSIG	439.8 PSIG	PSIG
20 MINUTES	1149.6 @ 10:13:46 PSIG	439.7 PSIG	PSIG
25 MINUTES	1148.7 @10:18:53 PSIG	439.9 PSIG	PSIG
30 MINUTES	1148.2 @ 10:23:48 PSIG	439.9 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☑ NO

QUESTAR

WV 3G 8 8 22
MIT

3000 PSIG		2404-1	29 MAR		6			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
19	JUL	2006	9:49:57	2	1	0		88
19	JUL	2006	9:50:11	2	2	0		88
19	JUL	2006	9:50:25	2	3	0		88
19	JUL	2006	9:50:39	2	4	0		88
19	JUL	2006	9:50:53	2	5	0		88
19	JUL	2006	9:51:07	2	6	0		88
19	JUL	2006	9:51:21	2	7	39.618		88
19	JUL	2006	9:51:35	2	8	59.14		88
19	JUL	2006	9:51:49	2	9	83.21		88
19	JUL	2006	9:52:03	2	10	119.37		88
19	JUL	2006	9:52:17	2	11	159.33		88
19	JUL	2006	9:52:31	2	12	266.27		88
19	JUL	2006	9:52:45	2	13	371.19		90
19	JUL	2006	9:52:59	2	14	534.9		90
19	JUL	2006	9:53:13	2	15	705		90
19	JUL	2006	9:53:27	2	16	846.4		90
19	JUL	2006	9:53:42	2	17	1009.4		90
19	JUL	2006	9:53:56	2	18	1161.5	439.2	90
19	JUL	2006	9:54:09	2	19	1165.2		90
19	JUL	2006	9:54:23	2	20	1170.7		90
19	JUL	2006	9:54:37	2	21	1165.4		90
19	JUL	2006	9:54:51	2	22	1159.9		90
19	JUL	2006	9:55:05	2	23	1160.4		90
19	JUL	2006	9:55:19	2	24	1160.2		90
19	JUL	2006	9:55:33	2	25	1159.1		90
19	JUL	2006	9:55:47	2	26	1158.6		90
19	JUL	2006	9:56:01	2	27	1158.3		90
19	JUL	2006	9:56:15	2	28	1157.8		91
19	JUL	2006	9:56:29	2	29	1157.5		91
19	JUL	2006	9:56:43	2	30	1157.1		91
19	JUL	2006	9:56:57	2	31	1156.9		91
19	JUL	2006	9:57:11	2	32	1156.6		91
19	JUL	2006	9:57:25	2	33	1156.4		91
19	JUL	2006	9:57:39	2	34	1156.2		91
19	JUL	2006	9:57:54	2	35	1156		91
19	JUL	2006	9:58:08	2	36	1155.8		91
19	JUL	2006	9:58:21	2	37	1155.6		91
19	JUL	2006	9:58:35	2	38	1155.5		91
19	JUL	2006	9:58:49	2	39	1155.4	440.2	91
19	JUL	2006	9:59:03	2	40	1155.2		91
19	JUL	2006	9:59:17	2	41	1155		93
19	JUL	2006	9:59:31	2	42	1154.9		93
19	JUL	2006	9:59:45	2	43	1154.8		93
19	JUL	2006	9:59:59	2	44	1154.7		93
19	JUL	2006	10:00:13	2	45	1154.6		93
19	JUL	2006	10:00:27	2	46	1154.5		93
19	JUL	2006	10:00:41	2	47	1154.5		93
19	JUL	2006	10:00:55	2	48	1154.4		93
19	JUL	2006	10:01:09	2	49	1154.3		93

QUESTAR

WV 3G 8 8 22
MIT

3000	PSIG	2404-1	29	MAR	6			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
19	JUL	2006	10:01:23	2	50	1154.3		93
19	JUL	2006	10:01:37	2	51	1154.2		93
19	JUL	2006	10:01:52	2	52	1154.2		93
19	JUL	2006	10:02:06	2	53	1154.1		93
19	JUL	2006	10:02:19	2	54	1154		93
19	JUL	2006	10:02:33	2	55	1154		93
19	JUL	2006	10:02:47	2	56	1153.9		93
19	JUL	2006	10:03:01	2	57	1153.9		93
19	JUL	2006	10:03:15	2	58	1153.8		93
19	JUL	2006	10:03:29	2	59	1153.8		93
19	JUL	2006	10:03:43	2	60	1153.6		95
19	JUL	2006	10:03:57	2	61	1153.6	439.7	95
19	JUL	2006	10:04:11	2	62	1153.5		95
19	JUL	2006	10:04:25	2	63	1153.5		95
19	JUL	2006	10:04:39	2	64	1153.4		95
19	JUL	2006	10:04:53	2	65	1153.2		95
19	JUL	2006	10:05:07	2	66	1153		95
19	JUL	2006	10:05:21	2	67	1152.6		95
19	JUL	2006	10:05:35	2	68	1152.4		95
19	JUL	2006	10:05:50	2	69	1152.3		95
19	JUL	2006	10:06:04	2	70	1152.1		95
19	JUL	2006	10:06:17	2	71	1152		95
19	JUL	2006	10:06:31	2	72	1152		95
19	JUL	2006	10:06:45	2	73	1151.9		95
19	JUL	2006	10:06:59	2	74	1151.8		95
19	JUL	2006	10:07:13	2	75	1151.7		95
19	JUL	2006	10:07:27	2	76	1151.6		95
19	JUL	2006	10:07:41	2	77	1151.5		95
19	JUL	2006	10:07:55	2	78	1151.5		95
19	JUL	2006	10:08:09	2	79	1151.4		95
19	JUL	2006	10:08:23	2	80	1151.3		95
19	JUL	2006	10:08:37	2	81	1151.3		95
19	JUL	2006	10:08:51	2	82	1151.1	439.8	97
19	JUL	2006	10:09:05	2	83	1151		97
19	JUL	2006	10:09:19	2	84	1150.9		97
19	JUL	2006	10:09:33	2	85	1150.9		97
19	JUL	2006	10:09:48	2	86	1150.8		97
19	JUL	2006	10:10:02	2	87	1150.7		97
19	JUL	2006	10:10:15	2	88	1150.6		97
19	JUL	2006	10:10:29	2	89	1150.6		97
19	JUL	2006	10:10:43	2	90	1150.5		97
19	JUL	2006	10:10:57	2	91	1150.4		97
19	JUL	2006	10:11:11	2	92	1150.3		97
19	JUL	2006	10:11:25	2	93	1150.3		97
19	JUL	2006	10:11:39	2	94	1150.2		97
19	JUL	2006	10:11:53	2	95	1150.2		97
19	JUL	2006	10:12:07	2	96	1150.1		97
19	JUL	2006	10:12:21	2	97	1150.1		97
19	JUL	2006	10:12:35	2	98	1150		97

QUESTAR

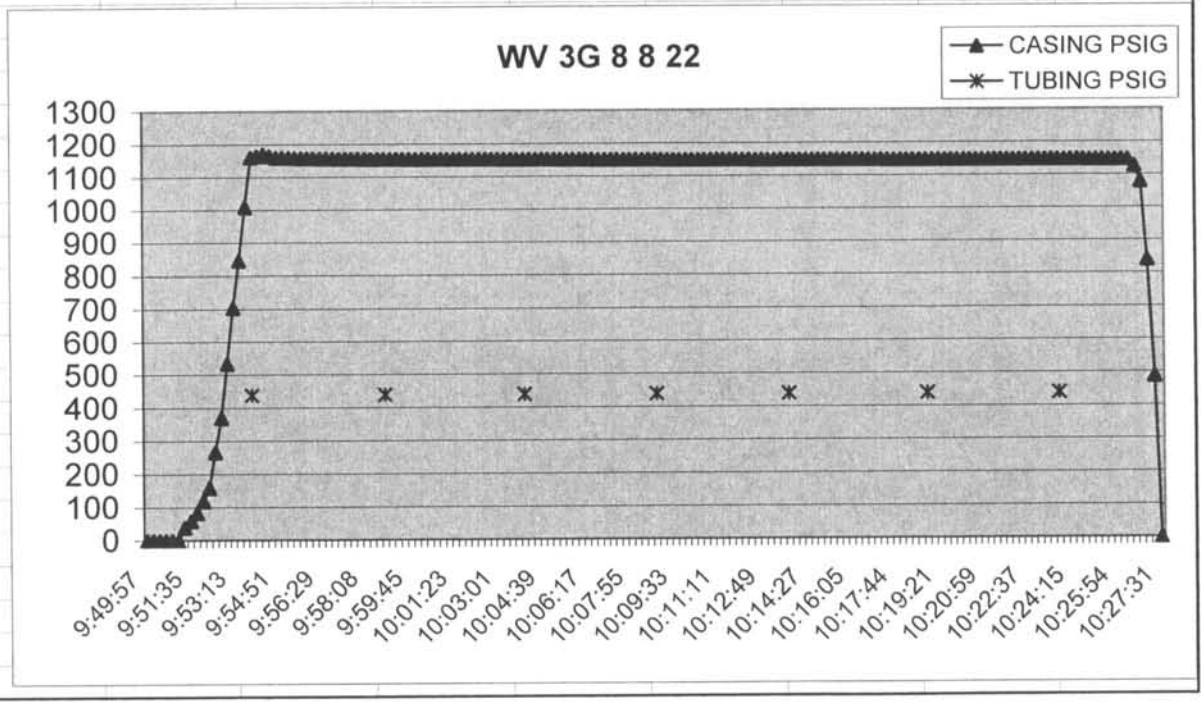
WV 3G 8 8 22
MIT

3000 PSIG		2404-1	29 MAR		6			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
19	JUL	2006	10:12:49	2	99	1149.9		97
19	JUL	2006	10:13:03	2	100	1149.9		97
19	JUL	2006	10:13:17	2	101	1149.7		99
19	JUL	2006	10:13:31	2	102	1149.7		99
19	JUL	2006	10:13:46	2	103	1149.6	439.7	99
19	JUL	2006	10:14:00	2	104	1149.6		99
19	JUL	2006	10:14:13	2	105	1149.5		99
19	JUL	2006	10:14:27	2	106	1149.5		99
19	JUL	2006	10:14:41	2	107	1149.4		99
19	JUL	2006	10:14:55	2	108	1149.4		99
19	JUL	2006	10:15:09	2	109	1149.4		99
19	JUL	2006	10:15:23	2	110	1149.4		99
19	JUL	2006	10:15:37	2	111	1149.3		99
19	JUL	2006	10:15:51	2	112	1149.3		99
19	JUL	2006	10:16:05	2	113	1149.2		99
19	JUL	2006	10:16:19	2	114	1149.2		99
19	JUL	2006	10:16:33	2	115	1149.2		99
19	JUL	2006	10:16:47	2	116	1149.1		99
19	JUL	2006	10:17:01	2	117	1149.1		99
19	JUL	2006	10:17:15	2	118	1149.1		99
19	JUL	2006	10:17:29	2	119	1149		99
19	JUL	2006	10:17:44	2	120	1149		99
19	JUL	2006	10:17:58	2	121	1149		99
19	JUL	2006	10:18:11	2	122	1149		99
19	JUL	2006	10:18:25	2	123	1148.9		99
19	JUL	2006	10:18:39	2	124	1148.9		99
19	JUL	2006	10:18:53	2	125	1148.7	439.9	100
19	JUL	2006	10:19:07	2	126	1148.7		100
19	JUL	2006	10:19:21	2	127	1148.7		100
19	JUL	2006	10:19:35	2	128	1148.7		100
19	JUL	2006	10:19:49	2	129	1148.6		100
19	JUL	2006	10:20:03	2	130	1148.6		100
19	JUL	2006	10:20:17	2	131	1148.6		100
19	JUL	2006	10:20:31	2	132	1148.6		100
19	JUL	2006	10:20:45	2	133	1148.5		100
19	JUL	2006	10:20:59	2	134	1148.5		100
19	JUL	2006	10:21:13	2	135	1148.4		100
19	JUL	2006	10:21:27	2	136	1148.5		100
19	JUL	2006	10:21:42	2	137	1148.4		100
19	JUL	2006	10:21:56	2	138	1148.4		100
19	JUL	2006	10:22:09	2	139	1148.3		100
19	JUL	2006	10:22:23	2	140	1148.3		100
19	JUL	2006	10:22:37	2	141	1148.3		100
19	JUL	2006	10:22:51	2	142	1148.2		100
19	JUL	2006	10:23:05	2	143	1148.2		100
19	JUL	2006	10:23:19	2	144	1148.2		100
19	JUL	2006	10:23:33	2	145	1148.2		100
19	JUL	2006	10:23:47	2	146	1148.2	439.9	100
19	JUL	2006	10:24:01	2	147	1148.1		100

QUESTAR

WV 3G 8 8 22
MIT

3000	PSIG	2404-1	29	MAR	6			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
19	JUL	2006	10:24:15	2	148	1148.1		100
19	JUL	2006	10:24:29	2	149	1148.1		100
19	JUL	2006	10:24:43	2	150	1148.1		100
19	JUL	2006	10:24:57	2	151	1148		100
19	JUL	2006	10:25:11	2	152	1148		100
19	JUL	2006	10:25:25	2	153	1148		100
19	JUL	2006	10:25:39	2	154	1147.9		100
19	JUL	2006	10:25:54	2	155	1147.9		100
19	JUL	2006	10:26:08	2	156	1147.9		100
19	JUL	2006	10:26:21	2	157	1147.9		100
19	JUL	2006	10:26:35	2	158	1127.4		102
19	JUL	2006	10:26:49	2	159	1079.8		102
19	JUL	2006	10:27:03	2	160	839.9		102
19	JUL	2006	10:27:17	2	161	487.32		102
19	JUL	2006	10:27:31	2	162	0		102



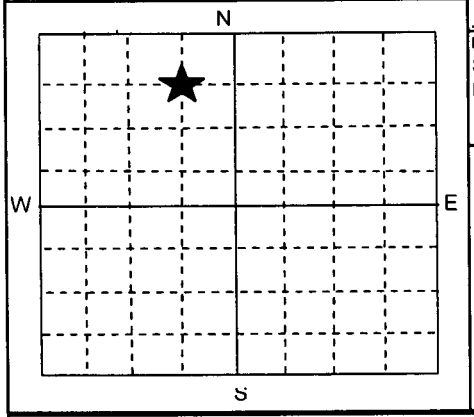
Form Approved OMB No. 2040-0042 Expires 6-30-98

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE	NAME AND ADDRESS OF CONTRACTOR
QEP Uinta Basin, Inc 11002 East 17500 South Vernal, UT 84078	Key Energy #972 2603 East Main Street Rangley, CO 81648

Locate Well and Outline Unit on Section Plat - 640 Acres



STATE	COUNTY	PERMIT NUMBER
UTAH	Uintah	UT20954-06195

SURFACE LOCATION DESCRIPTION
NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 730 ft. From (N/S) FNL Line of Quarter Section
And 2021 ft. From (E/W) FWL Line of Quarter Section

WELL ACTIVITY
- ☐ Brine Disposal
- ☑ Enhanced Recovery
- ☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework	Total Depth After Rework	Date Rework Commenced	Date Rework Completed
5900'	5900'	7/15/2006	7/18/2006

TYPE OF PERMIT
- ☑ Individual
- ☐ Area

Number of Wells 1

Well Number
WV 3G-8-8-22

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

WELL CASING RECORD - AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals
See attached rig work tour reports for daily detail.		

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE	SIGNATURE	DATE SIGNED
Stephanie L. Tomkinson, Regulatory Affairs Biologist	S L Tomkinson	7/20/2006

EPA Form 7520-12

Questar Exploration and Production–Uintah Basin

Daily Completion/Re-Completion/Production Rig Work/Workover/P&A **Report**

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	7/18/2006
GL & AFE #:	SUTO8817310	**Report Written By:**	Todd Seiffert
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2" 15.5# J-55	**Final Completion Date:**	
CASING DEPTH:	5898	**TD:**	5,900
Ser. Co.& Rig #:	Key Energy #972	**PBTD:**	5,825

COSTS

Major Account
Completion & Recompletion (AFE required)
860 Production Rig Work (No AFE)
Workover (AFE required)
Plug & Abandon (AFE required)

Daily Fluid Report

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

Perfs

5709'-5818'

		DAILY	CUMULATIVE
700	Fishing	0	0
705	Wireline services	0	0
710	Workover rig	7,300	12,600
715	Materials & supplies	200	200
716	Water hauled to location	0	0
720	Bottom hole pumps	0	0
725	Other subsurface parts	0	0
742	Cased hole logs	0	0
742	Well test & flowback	0	0
745	Formation stimulation	0	0
746	Perforating	0	0
748	Cementing	0	0
752	Labor, super consulting	250	500
755	Hauling fluids from location	1,100	1,100
755	Hot oil truck	600	600
765	Trucking/freight	1,700	2,600
770	Surface equipment rental	250	250
775	Other costs-	2,100	2,100
	Downhole tool rental	0	0
	Downhole tools-purchased	0	0
795	Plug & abandon	0	0
		0	0
		0	
	TOTAL DAILY COST >	13,500	19,950 **< TOTAL CUMULATIVE COST**

DAILY TOUR REPORT: 7-17-06 Change out PKR.

500# on csg & tbg. Open well to flow back tank. Well down to a trickle of flow in 2 minutes. RU PRS inspection tool. POOH w/ 175 jts 2 7/8" tbg, 2 7/8" PSN, 5 1/2" Halliburton PKR w/ re-entry collar. Having 158 jts yellow band jts, 15 blue band jts, and 2 red band jts. Replace 2 red band jts w/ 2 yellow band jts brought from RW yard. RIH w/ 5 1/2" Halliburton PKR w/ re-entry collar, new 2 7/8" PSN w/ standing valve in place, 175 jts 2 7/8" tbg applying liquid o-ring to pins & checking all breaks. ND BOP. Install B-1 flange. Test tbg to 1500# for 15 minutes. OK. RU sand line, fish SV. Displace hole w/ 110 bbls packer fluid. Set PKR. Land tbg on B-1 flange w/ 8000# compression. NUWH. Test PKR to 1000# for 15 minutes. OK. Secure well. SDFN.

FINAL PRW REPORT

Tubing Detail:		**Depth**
KB	14.00	14.00
Tbg Hanger	0.00	14.00
Compression	-2.00	12.00
175 jts 2-7/8"	5641.29	5653.29
	0.00	5653.29
	0.00	5653.29
New PSN.	1.10	5654.39
5 1/2" Halliburton PKR	4.53	5658.92
		5658.92
		5658.92
		5658.92
Tubing tail @:		**5658.92**
PSN @:		**5654.39**
PKR @:		**5658.92**

PDW

Questar Exploration and Production–Uintah Basin

Daily Completion/Re-Completion/Production Rig Work/Workover/P&A **Report**

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	7/15,16,17/2006
GL & AFE #:	SUTO8817310	**Report Written By:**	Todd Seiffert
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2" 15.5# J-55	**Final Completion Date:**	
CASING DEPTH:	5898	**TD:**	5,900
Ser. Co.& Rig #:	Key Energy #972	**PBTD:**	5,825

COSTS

Major Account
Completion & Recompletion (AFE required)
860 Production Rig Work (No AFE)
Workover (AFE required)
Plug & Abandon (AFE required)

Daily Fluid Report

Load from yesterday:	0
Minus daily recovery:	0
Plus water today:	0
Load left to recover:	0

Perfs

5709'-5818'

		DAILY	CUMULATIVE
700	Fishing	0	0
705	Wireline services	0	0
710	Workover rig	5,300	5,300
715	Materials & supplies	0	0
716	Water hauled to location	0	0
720	Bottom hole pumps	0	0
725	Other subsurface parts	0	0
742	Cased hole logs	0	0
742	Well test & flowback	0	0
745	Formation stimulation	0	0
746	Perforating	0	0
748	Cementing	0	0
752	Labor, super consulting	250	250
755	Hauling fluids from location	0	0
755	Hot oil truck	0	0
765	Trucking/freight	900	900
770	Surface equipment rental	0	0
775	Other costs-	0	0
	Downhole tool rental	0	0
	Downhole tools-purchased	0	0
795	Plug & abandon	0	0
		0	0
		0	
	TOTAL DAILY COST >	6,450	6,450 **< TOTAL CUMULATIVE COST**

DAILY TOUR REPORT: 7-14-06 Initial PRW Report. Prepare for tbg inspection.
MIRU Key Energy. RU flowback tank. 500# on csg & tbg. Open well to flow back tank. Flow back 4 bbls wtr, well down to a trickle of flow. NDWH. Unland tbg. Release 5 1/2" PKR. NU BOP. SWIFWE.

24 hr forecast will POOH w/ tbg & inspect tbg.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:** **WONSITS VALLEY UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on:
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 16	WV 16	NENE	15	080S	210E	4304715447	5265	Federal	WI	A
WVU 31	WV 31	NENW	14	080S	210E	4304715460	5265	Federal	WI	A
WVU 35	WV 35	NESW	14	080S	210E	4304715463	5265	Federal	WI	A
WV 36	WV 36	NESW	10	080S	210E	4304715464	5265	Federal	WI	A
WVU 41	WV 41	NENW	15	080S	210E	4304715469	5265	Federal	WI	A
WV 43	WV 43	SWSW	11	080S	210E	4304715471	5265	Federal	OW	P
WV 48	WV 48	SWNE	10	080S	210E	4304715476	5265	Federal	OW	P
WVU 50	WV 50	SWNE	15	080S	210E	4304715477	5265	Federal	WI	A
WV 53	WV 53	SWSE	10	080S	210E	4304720003	5265	Federal	OW	P
WVU 55	WV 55	SWNE	14	080S	210E	4304720005	5265	Federal	OW	P
WVU 59	WV 59	SWNW	14	080S	210E	4304720018	5265	Federal	WI	A
WVU 60	WV 60	SWSE	15	080S	210E	4304720019	5265	Federal	WI	A
WV 62	WV 62	SWSW	10	080S	210E	4304720024	5265	Federal	OW	P
WVU 65	WV 65	SWNW	15	080S	210E	4304720041	5265	Federal	OW	P
WVU 67	WV 67	NESW	15	080S	210E	4304720043	5265	Federal	WI	A
WVU 68	WV 68	NESE	15	080S	210E	4304720047	5265	Federal	WI	A
WVU 83	WV 83 WG	NENW	23	080S	210E	4304720205	14864	Federal	GW	S
WV 97	WV 97	NWSW	11	080S	210E	4304730014	5265	Federal	WI	A
WVU 103	WV 103	NWNW	14	080S	210E	4304730021	5265	Federal	OW	P
WVU 104	WV 104	NWNE	15	080S	210E	4304730022	5265	Federal	OW	P
WV 105	WV 105	SESE	10	080S	210E	4304730023	5265	Federal	OW	P
WVU 109	WV 109	SENE	15	080S	210E	4304730045	5265	Federal	OW	P
WVU 110	WV 110	SENW	14	080S	210E	4304730046	5265	Federal	OW	P
WVU 112	WV 112	SENW	15	080S	210E	4304730048	5265	Federal	OW	P
WVU 124	WV 124	NWSE	15	080S	210E	4304730745	5265	Federal	OW	P
WVU 126	WV 126	NWNE	21	080S	210E	4304730796	5265	Federal	WI	A
WV 128	WV 128	SESW	10	080S	210E	4304730798	5265	Federal	OW	P
WVU 132	WV 132	NWSW	15	080S	210E	4304730822	5265	Federal	OW	P
WVU 136	WV 136	NENW	21	080S	210E	4304731047	5265	Federal	OW	S
WV 137	WV 137	SENW	11	080S	210E	4304731523	5265	Federal	OW	P
WV 28-2	WV 28-2	NESW	11	080S	210E	4304731524	99990	Federal	WI	A
WVU 133	WV 133	SESW	15	080S	210E	4304731706	5265	Federal	OW	P
WVU 140	WV 140	NWNW	15	080S	210E	4304731707	5265	Federal	WI	A
WV 40-2	WV 40-2	NESE	10	080S	210E	4304731798	5265	Federal	WI	A
WVU 144	WV 144	SENE	10	080S	210E	4304731807	5265	Federal	OW	P
WV 143	WV 143	NWSE	10	080S	210E	4304731808	5265	Federal	WI	A
WVU 145	WV 145	NWNW	18	080S	220E	4304731820	14864	Federal	GW	P
WVU 121	WV 121	NWSW	14	080S	210E	4304731873	5265	Federal	OW	TA
WVU 135-2	WV 135-2	NENE	21	080S	210E	4304732016	5265	Federal	OW	P
WVU 130	WV 130	NWNW	22	080S	210E	4304732307	5265	Federal	OW	P
WVU 71-2	WV 71-2	SWSW	15	080S	210E	4304732449	5265	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 119	WV 119	NWNW	21	080S	210E	4304732461	5265	Federal	OW	P
WVFU 120	WV 120	NENW	22	080S	210E	4304732462	5265	Federal	WI	A
WVFU 54 WG	WV 54 WG	SWSE	07	080S	220E	4304732821	14864	Federal	GW	P
WVFU 69 WG	WV 69 WG	SWNE	18	080S	220E	4304732829	14864	Federal	GW	P
WVFU 38 WG	WV 38 WG	SWNW	08	080S	220E	4304732831	14864	Federal	GW	P
WVFU 49 WG	WV 49 WG	SWSW	08	080S	220E	4304732832	14864	Federal	GW	P
WVFU 138 WG	WV 138 WG	SWNW	18	080S	220E	4304733054	14864	Federal	GW	P
WVFU 14 WG	WV 14 WG	SWSE	12	080S	210E	4304733070	14864	Federal	GW	P
WVFU 11 WG	WV 11 WG	SWNE	12	080S	210E	4304733085	14864	Federal	GW	P
WVFU 81 WG	WV 81 WG	SWNW	24	080S	210E	4304733086	14864	Federal	GW	P
WVFU 146 WG	WV 146 WG	NWNW	19	080S	220E	4304733128	14864	Federal	GW	P
WVFU 1W-14-8- 21	WV 1W-14-8- 21	NENE	14	080S	210E	4304733220	14864	Federal	GW	P
WVFU 5W-13- 8-21	WV 5W-13- 8-21	SWNW	13	080S	210E	4304733221	14864	Federal	GW	P
WVFU 46 WG	WVFU 46 WG	NESE	07	080S	220E	4304733241	14864	Federal	GW	P
WVFU 9W-14-8-21	WV 9W-14-8-21	NESE	14	080S	210E	4304733269	14864	Federal	GW	P
WVFU 7W-13-8-21	WV 7W-13-8-21	SWNE	13	080S	210E	4304733270	14864	Federal	GW	P
WVFU 1W-18-8-22	WV 1W-18-8-22	NENE	18	080S	220E	4304733294	14864	Federal	GW	P
WVFU 11W-8-8-22	WV 11W-8-8-22	NESW	08	080S	220E	4304733295	14864	Federal	GW	P
WVFU 3W-8-8-22	WV 3W-8-8-22	NENW	08	080S	220E	4304733493	14864	Federal	GW	S
WVFU 5W-7-8-22	WV 5W-7-8-22	SWNW	07	080S	220E	4304733494	14864	Federal	GW	P
WVFU 11W-7-8-22	WV 11W-7-8-22	NESW	07	080S	220E	4304733495	14864	Federal	GW	P
WVFU 13W-7-8-22	WV 13W-7-8-22	SWSW	07	080S	220E	4304733496	14864	Federal	GW	P
WVFU 1W-7-8-22	WV 1W-7-8-22	NENE	07	080S	220E	4304733501	14864	Federal	GW	P
WVFU 3W-7-8-22	WV 3W-7-8-22	NENW	07	080S	220E	4304733502	14864	Federal	GW	P
WV 7WRG-7-8-22	WV 7WRG-7-8-22	SWNE	07	080S	220E	4304733503	5265	Federal	OW	P
WVFU 16W-9-8-21	WV 16W-9-8-21	SESE	09	080S	210E	4304733529	14864	Federal	GW	P
WVFU 1W-12-8-21	WV 1W-12-8-21	NENE	12	080S	210E	4304733531	14864	Federal	GW	P
WVFU 1W-13-8-21	WV 1W-13-8-21	NENE	13	080S	210E	4304733532	14864	Federal	GW	P
WVFU 3W-18-8-22	WV 3W-18-8-22	NENW	18	080S	220E	4304733533	14864	Federal	GW	P
WVFU 9W-12-8-21	WV 9W-12-8-21	NESE	12	080S	210E	4304733534	14864	Federal	GW	P
WVFU 11W-12-8-21	WV 11W-12-8-21	NESW	12	080S	210E	4304733535	14864	Federal	GW	P
WVFU 11W-13-8-21	WV 11W-13-8-21	NESW	13	080S	210E	4304733536	14864	Federal	GW	P
WVFU 13W-12-8-21	WV 13W-12-8-21	SWSW	12	080S	210E	4304733537	14864	Federal	GW	S
WVFU 13W-18-8-22	WV 13W-18-8-22	SWSW	18	080S	220E	4304733538	14864	Federal	GW	P
WVFU 16G-9-8-21	WV 16G-9-8-21	SESE	09	080S	210E	4304733565	5265	Federal	OW	P
WVFU 1W-21-8-21	WV 1W-21-8-21	NENE	21	080S	210E	4304733602	14864	Federal	GW	P
WVFU 3W-13-8-21	WV 3W-13-8-21	NENW	13	080S	210E	4304733603	14864	Federal	GW	S
WVFU 3W-22-8-21	WV 3W-22-8-21	NENW	22	080S	210E	4304733604	14864	Federal	GW	P
WVFU 3W-24-8-21	WV 3W-24-8-21	NENW	24	080S	210E	4304733605	14864	Federal	GW	P
WVFU 13W-13-8-21	WV 13W-13-8-21	SWSW	13	080S	210E	4304733606	14864	Federal	GW	S
WVFU 13W-14-8-21	WV 13W-14-8-21	SWSW	14	080S	210E	4304733607	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-13-8-21	WV 15W-13-8-21	SWSE	13	080S	210E	4304733608	14864	Federal	GW	S
WVFU 1W-24-8-21	WV 1W-24-8-21	NENE	24	080S	210E	4304733613	14864	Federal	GW	P
WVFU 11W-18-8-22	WV 11W-18-8-22	NESW	18	080S	220E	4304733626	14864	Federal	GW	P
WV 2W-10-8-21	WV 2W-10-8-21	NWNE	10	080S	210E	4304733655	14864	Federal	GW	P
WV 4W-11-8-21	WV 4W-11-8-21	NWNW	11	080S	210E	4304733657	14864	Federal	GW	P
WV 12W-10-8-21	WV 12W-10-8-21	NWSW	10	080S	210E	4304733659	14864	Federal	GW	S
WV 12G-10-8-21	WV 12G-10-8-21	NWSW	10	080S	210E	4304733660	5265	Federal	OW	P
WVFU 15W-9-8-21	WV 15W-9-8-21	SWSE	09	080S	210E	4304733661	14864	Federal	GW	P
WVFU 15G-9-8-21	WV 15G-9-8-21	SWSE	09	080S	210E	4304733662	5265	Federal	OW	P
WVFU 2W-13-8-21	WV 2W-13-8-21	NWNE	13	080S	210E	4304733791	14864	Federal	GW	P
WVFU 6W-13-8-21	WV 6W-13-8-21	SENW	13	080S	210E	4304733792	14864	Federal	GW	P
WVFU 8W-13-8-21	WV 8W-13-8-21	SENE	13	080S	210E	4304733793	14864	Federal	GW	P
WV 10W-1-8-21	WV 10W-1-8-21	NWSE	01	080S	210E	4304733794	14864	Federal	GW	TA
WVFU 10W-13-8-21	WV 10W-13-8-21	NWSE	13	080S	210E	4304733795	14864	Federal	GW	P
WVFU 12W-7-8-22	WV 12W-7-8-22	NWSW	07	080S	220E	4304733808	14864	Federal	GW	P
WVFU 6W-8-8-22	WV 6W-8-8-22	SENW	08	080S	220E	4304733811	14864	Federal	GW	P
WVFU 7W-8-8-22	WV 7W-8-8-22	SWNE	08	080S	220E	4304733812	14864	Federal	GW	S
WVFU 10W-7-8-22	WV 10W-7-8-22	NWSE	07	080S	220E	4304733813	14864	Federal	GW	P
WVFU 12W-8-8-22	WV 12W-8-8-22	NWSW	08	080S	220E	4304733815	14864	Federal	GW	P
WVFU 14W-7-8-22	WV 14W-7-8-22	SESW	07	080S	220E	4304733816	14864	Federal	GW	P
WVFU 16W-7-8-22	WV 16W-7-8-22	SESE	07	080S	220E	4304733817	14864	Federal	GW	P
WVFU 6W-7-8-22	WV 6W-7-8-22	SENW	07	080S	220E	4304733828	14864	Federal	GW	P
WVFU 6W-18-8-22	WV 6W-18-8-22	SENW	18	080S	220E	4304733842	14864	Federal	GW	P
WVFU 6WC-18-8-22	WV 6WC-18-8-22	SENW	18	080S	220E	4304733843	14864	Federal	GW	P
WVFU 6WD-18-8-22	WV 6WD-18-8-22	SENW	18	080S	220E	4304733844	14864	Federal	GW	P
WVFU 5W-23-8-21	WV 5W-23-8-21	SWNW	23	080S	210E	4304733860	14864	Federal	GW	P
WVFU 7W-23-8-21	WV 7W-23-8-21	SWNE	23	080S	210E	4304733861	14864	Federal	GW	P
WVFU 8W-12-8-21	WV 8W-12-8-21	SENE	12	080S	210E	4304733862	14864	Federal	GW	P
WVFU 10W-12-8-21	WV 10W-12-8-21	NWSE	12	080S	210E	4304733863	14864	Federal	GW	P
WVFU 14W-12-8-21	WV 14W-12-8-21	SESW	12	080S	210E	4304733864	14864	Federal	GW	P
WVFU 16W-12-8-21	WV 16W-12-8-21	SESE	12	080S	210E	4304733865	14864	Federal	GW	P
WVFU 1W-15-8-21	WV 1W-15-8-21	NENE	15	080S	210E	4304733902	14864	Federal	GW	S
WVFU 1W-22-8-21	WV 1W-22-8-21	NENE	22	080S	210E	4304733903	14864	Federal	GW	P
WVFU 1W-23-8-21	WV 1W-23-8-21	NENE	23	080S	210E	4304733904	14864	Federal	GW	P
WV 6W-11-8-21	WV 6W-11-8-21	SENW	11	080S	210E	4304733906	14864	Federal	GW	P
WVFU 7W-24-8-21	WV 7W-24-8-21	SWNE	24	080S	210E	4304733908	14864	Federal	GW	P
WV 10W-11-8-21	WV 10W-11-8-21	NWSE	11	080S	210E	4304733910	14864	Federal	GW	P
WVFU 11W-15-8-21	WV 11W-15-8-21	NESW	15	080S	210E	4304733911	14864	Federal	GW	P
WV 13W-11-8-21	WV 13W-11-8-21	SWSW	11	080S	210E	4304733913	14864	Federal	GW	S
WVFU 13W-15-8-21	WV 13W-15-8-21	SWSW	15	080S	210E	4304733914	14864	Federal	GW	P
WV 15W-10-8-21	WV 15W-10-8-21	SWSE	10	080S	210E	4304733916	14864	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVFU 15W-15-8-21	WV 15W-15-8-21	SWSE	15	080S	210E	4304733917	14864	Federal	GW	P
WVFU 5W-14-8-21	WV 5W-14-8-21	SWNW	14	080S	210E	4304733953	14864	Federal	GW	P
WVFU 7W-14-8-21	WV 7W-14-8-21	SWNE	14	080S	210E	4304733955	14864	Federal	GW	P
WV 8W-11-8-21	WV 8W-11-8-21	SENE	11	080S	210E	4304733957	14864	Federal	GW	S
WVFU 8W-14-8-21	WV 8W-14-8-21	SENE	14	080S	210E	4304733958	14864	Federal	GW	P
WVFU 9W-15-8-21	WV 9W-15-8-21	NESE	15	080S	210E	4304733959	14864	Federal	GW	P
WVFU 12W-13-8-21	WV 12W-13-8-21	NWSW	13	080S	210E	4304733961	14864	Federal	GW	P
WVFU 14W-13-8-21	WV 14W-13-8-21	SESW	13	080S	210E	4304733962	14864	Federal	GW	P
WVFU 15W-14-8-21	WV 15W-14-8-21	SWSE	14	080S	210E	4304733963	14864	Federal	GW	P
WVFU 2W-18-8-22	WV 2W-18-8-22	NWNE	18	080S	220E	4304733986	14864	Federal	GW	P
WV 8W-18-8-22	WV 8W-18-8-22	SENE	18	080S	220E	4304733989	14864	Federal	GW	P
WVFU 10W-18-8-22	WV 10W-18-8-22	NWSE	18	080S	220E	4304733991	14864	Federal	GW	P
WVFU 12W-18-8-22	WV 12W-18-8-22	NWSW	18	080S	220E	4304733993	14864	Federal	GW	P
WV 14W-18-8-22	WV 14W-18-8-22	SESW	18	080S	220E	4304733995	14864	Federal	GW	P
WVFU 8W-1-8-21	WV 8W-1-8-21	SENE	01	080S	210E	4304734009	14864	Federal	GW	DRL
WV 4W-17-8-22	WV 4W-17-8-22	NWNW	17	080S	220E	4304734038	14864	Federal	GW	P
WV 12G-1-8-21	WV 12G-1-8-21	NWSW	01	080S	210E	4304734108	5265	Federal	OW	TA
WV 2W-14-8-21	WV 2W-14-8-21	NWNE	14	080S	210E	4304734140	14864	Federal	GW	P
GH 2W-21-8-21	GH 2W-21-8-21	NWNE	21	080S	210E	4304734141	14864	Federal	GW	P
WV 2W-23-8-21	WV 2W-23-8-21	NWNE	23	080S	210E	4304734142	14864	Federal	GW	P
GH 3W-21-8-21	WV 3W-21-8-21	NENW	21	080S	210E	4304734143	14864	Federal	GW	P
WV 4W-13-8-21	WV 4W-13-8-21	NWNW	13	080S	210E	4304734144	14864	Federal	GW	P
GH 4W-21-8-21	WV 4W-21-8-21	NWNW	21	080S	210E	4304734145	14864	Federal	GW	P
WV 4W-22-8-21	WV 4W-22-8-21	NWNW	22	080S	210E	4304734146	14864	Federal	GW	P
WV 16W-11-8-21	WV 16W-11-8-21	SESE	11	080S	210E	4304734155	14864	Federal	GW	TA
WV 3W-19-8-22	WV 3W-19-8-22	NENW	19	080S	220E	4304734187	14864	Federal	GW	P
WV 4W-23-8-21	WV 4W-23-8-21	NWNW	23	080S	210E	4304734188	14864	Federal	GW	P
WV 6W-23-8-21	WV 6W-23-8-21	SENW	23	080S	210E	4304734189	14864	Federal	GW	P
WV 2W-15-8-21	WV 2W-15-8-21	NWNE	15	080S	210E	4304734242	14864	Federal	GW	P
WV 2W-22-8-21	WV 2W-22-8-21	NWNE	22	080S	210E	4304734243	14864	Federal	GW	P
WV 4W-14-8-21	WV 4W-14-8-21	NWNW	14	080S	210E	4304734244	14864	Federal	GW	P
WV 6W-12-8-21	WV 6W-12-8-21	SENW	12	080S	210E	4304734245	5265	Federal	GW	S
WV 7W-15-8-21	WV 7W-15-8-21	SWNE	15	080S	210E	4304734246	14864	Federal	GW	P
WV 8W-15-8-21	WV 8W-15-8-21	SENE	15	080S	210E	4304734247	14864	Federal	GW	P
WV 12W-12-8-21	WV 12W-12-8-21	NWSW	12	080S	210E	4304734248	14864	Federal	GW	S
WV 14W-15-8-21	WV 14W-15-8-21	SESW	15	080S	210E	4304734249	14864	Federal	GW	P
WV 16W-10-8-21	WV 16W-10-8-21	SESE	10	080S	210E	4304734250	14864	Federal	GW	P
WV 16W-15-8-21	WV 16W-15-8-21	SESE	15	080S	210E	4304734251	14864	Federal	GW	P
WV 2W-12-8-21	WV 2W-12-8-21	NWNE	12	080S	210E	4304734265	14864	Federal	GW	OPS
WV 3W-12-8-21	WV 3W-12-8-21	NENW	12	080S	210E	4304734267	14864	Federal	GW	OPS
WV 4W-12-8-21	WV 4D-12-8-21	NWNW	12	080S	210E	4304734268	12436	Federal	GW	DRL

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 5W-12-8-21	WV 5W-12-8-21	SWNW	12	080S	210E	4304734270	14864	Federal	GW	OPS
WV 6W-14-8-21	WV 6W-14-8-21	SENW	14	080S	210E	4304734271	14864	Federal	GW	P
WV 9W-11-8-21	WV 9W-11-8-21	NESE	11	080S	210E	4304734274	14864	Federal	GW	DRL
WV 10W-14-8-21	WV 10W-14-8-21	NWSE	14	080S	210E	4304734275	14864	Federal	GW	S
WV 11W-14-8-21	WV 11W-14-8-21	NESW	14	080S	210E	4304734277	14864	Federal	GW	P
WV 12W-14-8-21	WV 12W-14-8-21	NWSW	14	080S	210E	4304734279	14864	Federal	GW	S
WV 14M-11-8-21	WV 14M-11-8-21	SESW	11	080S	210E	4304734280	14864	Federal	GW	P
WV 14W-14-8-21	WV 14W-14-8-21	SESW	14	080S	210E	4304734281	14864	Federal	GW	P
WV 16W-14-8-21	WV 16G-14-8-21	SESE	14	080S	210E	4304734283	5265	Federal	OW	S
WV 3MU-15-8-21	WV 3MU-15-8-21	NENW	15	080S	210E	4304734289	14864	Federal	GW	P
WV 4MU-15-8-21	WV 4MU-15-8-21	NWNW	15	080S	210E	4304734291	14864	Federal	GW	P
WV 5MU-15-8-21	WV 5MU-15-8-21	SWNW	15	080S	210E	4304734293	14864	Federal	GW	P
WV 6W-15-8-21	WV 6W-15-8-21	SENW	15	080S	210E	4304734294	14864	Federal	GW	P
WV 10W-15-8-21	WV 10W-15-8-21	NWSE	15	080S	210E	4304734295	14864	Federal	GW	P
WVU 4W-24-8-21	WV 4W-24-8-21	NWNW	24	080S	210E	4304734330	14864	Federal	GW	P
WV 8M-23-8-21	WV 8M-23-8-21	SENE	23	080S	210E	4304734339	14864	Federal	GW	P
WVU 8W-24-8-21	WV 8W-24-8-21	SENE	24	080S	210E	4304734340	14864	Federal	GW	P
WV 2W-8-8-22	WV 2W-8-8-22	NWNE	08	080S	220E	4304734468	14864	Federal	GW	P
WV 8W-7-8-22	WV 8W-7-8-22	SENE	07	080S	220E	4304734469	14864	Federal	GW	S
WV 8W-22-8-21	WV 8W-22-8-21	SENE	22	080S	210E	4304734564	14864	Federal	GW	P
WV 3G-8-8-22	WV 3G-8-8-22	NENW	08	080S	220E	4304734596	5265	Federal	OW	TA
WV 14MU-10-8-21	WV 14MU-10-8-21	SESW	10	080S	210E	4304735879	14864	Federal	GW	P
WV 13MU-10-8-21	WV 13MU-10-8-21	SWSW	10	080S	210E	4304736305	14864	Federal	GW	P
WV 3DML-13-8-21	WV 3D-13-8-21	SENW	13	080S	210E	4304737923	14864	Federal	GW	DRL
WV 14DML-12-8-21	WV 14DML-12-8-21	SESW	12	080S	210E	4304737924	14864	Federal	GW	DRL
WV 15AML-12-8-21	WV 15AML-12-8-21	NWSE	12	080S	210E	4304737925		Federal	GW	APD
WV 13DML-10-8-21	WV 13DML-10-8-21	SWSW	10	080S	210E	4304737926	14864	Federal	GW	P
WV 4DML-15-8-21	WV 4DML-15-8-21	NWNW	15	080S	210E	4304737927	14864	Federal	GW	DRL
WV 13AD-8-8-22	WV 13AD-8-8-22	SWSW	08	080S	220E	4304737945		Federal	GW	APD
WV 11AML-14-8-21	WV 11AD-14-8-21	NWSE	14	080S	210E	4304738049	15899	Federal	GW	APD
WV 11DML-14-8-21	WV 11DML-14-8-21	SESW	14	080S	210E	4304738050		Federal	GW	APD
WV 4AML-19-8-22	WV 4AML-19-8-22	NWNW	19	080S	220E	4304738051		Federal	GW	APD
WV 13CML-8-8-22	WV 13CML-8-8-22	SWSW	08	080S	220E	4304738431		Federal	GW	APD
WV 13BML-18-8-22	WV 13BML-18-8-22	SWSW	18	080S	220E	4304738432		Federal	GW	APD
WV 8BML-18-8-22	WV 8BML-18-8-22	E/NE	18	080S	220E	4304738433		Federal	GW	APD
WV 6ML-24-8-21	WV 6-24-8-21	SENW	24	080S	210E	4304738663		Federal	GW	APD
WV 2ML-24-8-21	WV 2ML-24-8-21	NWNE	24	080S	210E	4304738664		Federal	GW	APD
WV 1DML-13-8-21	WV 1DML-13-8-21	NENE	13	080S	210E	4304738733		Federal	GW	APD
WV 4DML-13-8-21	WV 4DML-13-8-21	NWNW	13	080S	210E	4304738734		Federal	GW	APD
WV 3AML-14-8-21	WV 3AML-14-8-21	NENW	14	080S	210E	4304738736		Federal	GW	APD
WV 16CML-14-8-21	WV 16C-14-8-21	SESE	14	080S	210E	4304738737		Federal	GW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WVU 21	WV 21	NENE	16	080S	210E	4304715452	99990	State	WI	A
WVU 32	WV 32	NENW	16	080S	210E	4304716513	5265	State	OW	P
WVU 72	WV 72	SWSW	16	080S	210E	4304720058	99990	State	WI	A
WVU 73	WV 73	NESE	16	080S	210E	4304720066	5265	State	WI	A
WVU 74	WV 74	SWSE	16	080S	210E	4304720078	5265	State	OW	P
WVU 75	WV 75	SWNE	16	080S	210E	4304720085	5265	State	OW	P
WVU 78	WV 78	NESW	16	080S	210E	4304720115	99990	State	WI	A
WVU 134	WV 134	SESE	16	080S	210E	4304731118	5265	State	OW	P
WVU 141	WV 141	NWSE	16	080S	210E	4304731609	5265	State	OW	P
WVU 127	WV 127	SENE	16	080S	210E	4304731611	5265	State	OW	P
WVU 142	WV 142	SESW	16	080S	210E	4304731612	5265	State	OW	P
WVFU 9W-13-8-21	WV 9W-13-8-21	NESE	13	080S	210E	4304733223	14864	State	GW	S
WVFU 2W-16-8-21	WV 2W-16-8-21	NWNE	16	080S	210E	4304733246	14864	State	GW	P
WVFU 2G-16-8-21	WV 2G-16-8-21	NWNE	16	080S	210E	4304733247	5265	State	OW	P
WVFU 6W-16-8-21	WV 6W-16-8-21	SENW	16	080S	210E	4304733527	14864	State	GW	P
WVFU 6G-16-8-21	WV 6G-16-8-21	SENW	16	080S	210E	4304733564	5265	State	OW	P
WVFU 16W-2-8-21	WV 16W-2-8-21	SESE	02	080S	210E	4304733645	5265	State	OW	S
WVFU 9W-2-8-21	WV 9W-2-8-21	NESE	02	080S	210E	4304733648	14864	State	GW	P
WVFU 12W-16-8-21	WV 12W-16-8-21	NWSW	16	080S	210E	4304733649	14864	State	GW	P
WVFU 12G-16-8-21	WV 12G-16-8-21	NWSW	16	080S	210E	4304733650	5265	State	OW	P
WVFU 16W-13-8-21	WV 16W-13-8-21	SESE	13	080S	210E	4304733796	14864	State	GW	P
WV 10G-2-8-21	WV 10G-2-8-21	NWSE	02	080S	210E	4304734035	5265	State	OW	P
WV 14G-2-8-21	WV 14G-2-8-21	SESW	02	080S	210E	4304734036	5265	State	OW	P
WV 13G-2-8-21	WV 13G-2-8-21	SWSW	02	080S	210E	4304734068	5265	State	OW	P
WV 5G-16-8-21	WV 5G-16-8-21	SWNW	16	080S	210E	4304734107	5265	State	OW	P
WV 11W-16-8-21	WV 11W-16-8-21	NESW	16	080S	210E	4304734190	14864	State	GW	P
WV 13W-16-8-21	WV 13W-16-8-21	SWSW	16	080S	210E	4304734191	14864	State	GW	P
WV 14W-16-8-21	WV 14W-16-8-21	SESW	16	080S	210E	4304734192	14864	State	GW	P
WV 15W-16-8-21	WV 15W-16-8-21	SWSE	16	080S	210E	4304734224	14864	State	GW	P
WV 16W-16-8-21	WV 16W-16-8-21	SESE	16	080S	210E	4304734225	14864	State	GW	P
WV 1MU-16-8-21	WV 1MU-16-8-21	NENE	16	080S	210E	4304734288	14864	State	GW	P
WV 3W-16-8-21	WV 3W-16-8-21	NENW	16	080S	210E	4304734290		State	GW	LA
WV 4W-16-8-21	WV 4W-16-8-21	NWNW	16	080S	210E	4304734292	12436	State	D	PA
WVU 5W-16-8-21	WV 5W-16-8-21	SWNW	16	080S	210E	4304734321	14864	State	GW	P
WV 7W-16-8-21	WV 7W-16-8-21	SWNE	16	080S	210E	4304734322	14864	State	GW	P
WV 8ML-16-8-21	WV 8ML-16-8-21	SENE	16	080S	210E	4304734323	14864	State	GW	P
WV 9W-16-8-21	WV 9W-16-8-21	NESE	16	080S	210E	4304734325	14864	State	GW	P
WV 10W-16-8-21	WV 10W-16-8-21	NWSE	16	080S	210E	4304734326	14864	State	GW	P
WV 12BML-16-8-21	WV 12BML-16-8-21	SWNW	16	080S	210E	4304737824	14864	State	GW	P
WV 12DML-16-8-21	WV 12D-16-8-21	NWSW	16	080S	210E	4304737870		State	GW	APD
WV 15CML-16-8-21	WV 15CML-16-8-21	SESW	16	080S	210E	4304737871	14864	State	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WONSITS VALLEY UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WV 15DML-16-8-21	WV 15DML-16-8-21	SWSE	16	080S	210E	4304737872		State	GW	APD
WV 16DML-13-8-21	WV 16DML-13-8-21	SESE	13	080S	210E	4304738735		State	GW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached

7. UNIT or CA AGREEMENT NAME: see attached

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: see attached

2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY

9. API NUMBER: attached

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 308-3068

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE _____ DATE 4/17/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Wonsits Valley Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Wonsits Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wonsits Valley Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Wonsits Valley Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Wonsits Valley Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side).

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

Revision (dfc)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.: U-022158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [X] Other **Convert to Injection**

7. UNIT AGREEMENT NAME: UTU630430

8. FARM OR LEASE NAME: N/A

2. NAME OF OPERATOR: **QUESTAR EXPLORATION & PRODUCTION CO.**

9. WELL NO.: WV 3G 8 8 22

3. ADDRESS OF OPERATOR: **1571 E. 1700 S. VERNAL, UT 84078** **Dahn Caldwell 435-781-4342**

10. FIELD AND POOL, OR WILDCAT: WONSITS VALLEY

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: NENW, 730' FNL, 2021' FWL, Sec 8-T8S-R22E

At top rod. interval reported below: NENW, 730' FNL, 2021' FWL, Sec 8-T8S-R22E

At total depth: NENW, 730' FNL, 2021' FWL, Sec 8-T8S-R22E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SEC 8-T8S-R22E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-34596		Uintah	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9/29/02	11/02/07	9/13/05	GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5,900'	5,825'		——→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: **N/A --Convert well to Injection Well**

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED: NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	484'	12-1/4"	175 SXS	
5-1/2"	15.5#	5,898'	8-3/4"	700 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5,663'	

31. PERFORATION RECORD (*Interval, size and number*): N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	N/A

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping--size and type of pump*)	WELL STATUS (*Producing or shut-in*)
N/A	FLOWS FROM WELL	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD ——→	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ——→	OIL--BBL.	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR.)

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JUL 25 2007
DIV. OF OIL, GAS & MINING

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: **WELLBORE SCHEMATIC**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED **JIM SIMONTON** Jim Simonton (dfc) TITLE **COMPLETION SUPERVISOR** DATE **9/30/05**

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

CONFIDENTIAL

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			This Work Over was completed between 09/12/05 – 09/14/05. Change from gas well to injection well. **CONFIDENTIAL INFORMATION – DO NOT RELEASE WITHOUT PERMISSION FOR QUESTAR EXPLORATION & PRODUCTION CO.**

38. GEOLOGIC MARKERS
WV 3G 8 8 22

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

CONFIDENTIAL

SUTO8817310
FIELD: Wonsits Valley

GL: 5,126' KBE: 5,140'

Spud Date: 02/10/03 Completion Date: 9-13-05

Well: WV 3G 8-8-22

TD: 5,900' PBTD: 5,825'

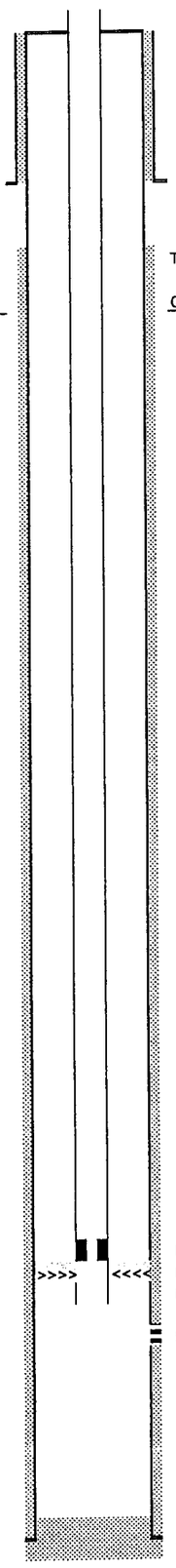
Current Well Status: **Waiting on Orders**

Location:
NENW Sec. 8, T8S, R22E
Uintah County, Utah

API#: 43-047- 34596

Reason for Pull/Workover:
Convert to Injection well

Wellbore Schematic



Surface casing
Size: 9- 5/8"
Weight: 36.00 #/ft
Grade: K - 55
Cmtd w/ 175 sxs

Hole size: 12- 1/4"
Set @ 484'

EXCLUDED PERFS

Production Casing
Size: 5 -1/2"
Weight: 15.50 #/ft
Grade: J - 55
Cmtd w/ 700 sxs
Set @ 5898'
Hole size: 8 3/4"

Tubing Landing Detail:

Description	Size	Footage	Depth
K.B		14.00	14.00
8000# compression		(2.00)	12.00
175 - jts J-55 2 7/8	2 7/8"	5,644.18	5,656.18
F - NIPPLE (1.81" I.D.)	2 7/8"	1.07	5,657.25
5 1/2" Halliburton PKR	2 7/8"	4.95	5,662.20
Re Entry TBG COLLAR	2 7/8"	0.58	5,662.78
EOT @			**5,662.78**

TUBING INFORMATION
Condition:
New: _____ Used: _____ Rerun: x
Grade: J- 55
Weight (#/ft): 6.50 #/ft

Sucker Rod Detail:

Size	#Rods	Rod Type

Rod Information
Condition:
New: _____ Used: _____ Rerun: _____
Grade: _____
Manufacture: _____

Pump Information:
API Designation
Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SN#: _____ Original Run Date: _____
RERUN _____ NEW RUN _____

ESP Well
Cable Size: _____
Pump Intake @ _____ '
End of Pump @ _____ '

Flowing Well
SN @ 5656 '
PKR @ _____
EOT @ 5663 '

Wellhead Detail: Example: 7-1/16" 3000#
7-1/16" 5000#

Other: _____
Hanger: Yes _____ No x

SUMMARY
9-13-05 Convert well to injection. New Halliburton PKR. Spot PKR fluid. MIT tested OK.
TBG LANDED ON 7-1/16" FLANGE

CONFIDENTIAL

Prepared By:Todd Seiffert

Date: 9-15-05

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

JUL 11 2008

Ref: 8ENF-UFO

RECEIVED
JUL 16 2008
DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7006-3450-0002-2006-0308
RETURN RECEIPT REQUESTED

Ann M. Petrik, Office Administrator
QEP Uinta Basin, Inc.
1571 East 1700 South
Vernal, Utah 84078

43 047 34596

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Wonsits Valley # 3G-8-8-22 Well
EPA Permit # UT20954-06195
Wonsits Valley Oil Field
Uintah County, Utah
8S 22E 8

Dear Ms. Petrik:

On July 10, 2008, EPA received information from QEP Uinta Basin, Inc. on the above referenced well concerning the workover to replace the packer and the follow up mechanical integrity test (MIT) conducted on June 30, 2008. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 30, 2013.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Shaun Chapoose, Land Use Department Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

FEB - 3 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-0390-0000-4848-5764
RETURN RECEIPT REQUESTED

Ann Petrik, Engineering Analyst
Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

43 047 34596
8S 22E 8

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission To Resume Injection
WV #3G-8-8-22 Well
EPA Permit #UT20954-06195
Wonsits Valley Oil Field
Uintah County, Utah

Dear Ms. Petrik:

On February 2, 2009, EPA received information from Questar Exploration and Production Company on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on January 7, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before January 7, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

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FEB 09 2009
DIV. OF OIL, GAS & MINING

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Michelle Sabori, Acting Environmental Director
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

Ref: 8ENF-UFO

JUN 18 2009

CERTIFIED MAIL 7001-2510-0006-3202-1873
RETURN RECEIPT REQUESTED

Ann Petrik, Engineering Analyst
Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

43 047 34596

Re: Underground Injection Control (UIC)
Permission To Resume Injection
WV #3G-8-8-22 Well
EPA Permit #UT20954-06195
Wonsits Valley Oil Field
Uintah County, Utah

8S 22E 8

Dear Ms. Petrik:

On June 17, 2009, EPA received information from Questar Exploration and Production Company on the above referenced well concerning the workover to address a leaking packer and the followup mechanical integrity test (MIT) conducted on May 19, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before May 19, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

for Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

QUESTAR

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

A. M. Petrik
Phone: 303-308-3053
Fax: 303-308-3619
Email: ann.petrik@questar.com

June 15, 2009

Nathan Wiser (8ENF-UFO)
U.S. Environmental protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: WV 3G-8-8-22
EPA # UT20954-06195
API # 43-047-34596
NENW Section 8 T8S R22E

Dear Mr. Wiser:

The above referenced well has been repaired and tested. The well rework record (Form 7520-12) and the results of a successful Mechanical Integrity Test (MIT) are attached.

QEP respectfully requests authorization from your office to resume injection. If you have any questions or need additional information, I can be reached in the Denver office at (303) 308-3053.

Sincerely,

Ann M. Petrik
Engineering Analyst

Enclosures: Well Rework Record
Casing or Annulus Pressure Mechanical Integrity Test
Daily Workover Reports
Wellbore Schematic

CC: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

U.S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

RECEIVED
JUN 22 2009
DIV. OF OIL, GAS & MINING

Form Approved OMB No. 2040-0042 Expires 6-30-98

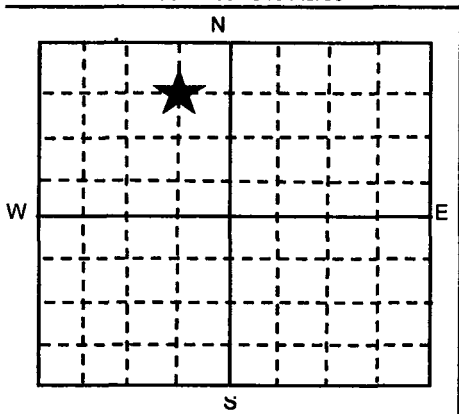
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
QEP Uinta Basin, Inc
11002 East 17500 South
Vernal, UT 84078

NAME AND ADDRESS OF CONTRACTOR
Key Energy #128
PO Box 676364
Dallas TX 75267

Locate Well and Outline Unit on Section Plat - 640 Acres



STATE	COUNTY	PERMIT NUMBER
UTAH	Uintah	UT20954-06195

SURFACE LOCATION DESCRIPTION
NE 1/4 of NW 1/4 of Section 8 Township 8S Range 22E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 730 ft. From (N/S) FNL Line of Quarter Section
And 2021 ft. From (E/W) FWL Line of Quarter Section

WELL ACTIVITY
- ☐ Brine Disposal
- ☑ Enhanced Recovery
- ☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework	Total Depth After Rework	Date Rework Commenced	Date Rework Completed
5900'	5900'	5/18/2009	5/19/2009

TYPE OF PERMIT
- ☑ Individual
- ☐ Area

Number of Wells 1

Well Number
WV 3G-8-8-22

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
9-5/8"	484'	175	K-55	5709'	5718'	
5-1/2"	5898	700	J-55			

WELL CASING RECORD - AFTER REWORK *(Indicate Additions and Changes Only)*

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

See attached rig work tour reports for daily detail.

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE	SIGNATURE	DATE SIGNED
Ann M. Petrik, Engineering Analyst		6/15/2009

EPA Form 7520-12

PRW

Questar Exploration & Production - Uinta Basin Division
Daily Production Rig Work Report

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	5/19/09
GL #:		**Report Written By:**	L. McGillivray
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2", 15.5#, J-55	**Final Completion Date:**	
CASING DEPTH:	5900'	**TD:**	5900'
Ser. Co.& Rig #:	Key #128	**PBTD:**	5825'

COSTS

860 Production Rig Work

		DAILY	CUMULATIVE
519	Fishing		$ -
519	Completion rig	4,200	$ 4,200
519	Wireline services		$ -
519	Materials & supplies		$ -
519	Water hauled to location	300	$ 300
519	Bottom hole pumps		$ -
519	Other subsurface parts		$ -
519	Cased hole logs		$ -
519	Well test & flowback		$ -
519	Formation stimulation		$ -
519	Perforating		$ -
519	Cementing		$ -
519	Labor, supervision		$ -
519	Hauling fluids from location	220	$ 220
519	Hot oil truck	682	$ 682
519	Trucking/freight	1,200	$ 1,200
519	Surface equipment rental	6	$ 6
519	Other costs-		$ -
519	Chemicals		$ -
519	Testing Anchors		$ -
TOTAL DAILY COST >		6,608	$ 6,608 **< TOTAL CUMULATIVE COST**

Daily Fluid Report

Load from yesterday:	
Minus daily recovery:	
Plus water today:	
Load left to recover:	

Perfs

DAILY TOUR REPORT: **Packer Leak**

05-18-09 7:00 AM MIRU. Well open to flow line w/ 50 psi on each side. Bleed down well, drop SV, chase to seat w/ sand line and sinker bars. Test tubing to 1000 psi, held 15 minutes, bleed down tubing. Test casing packer to 1100 psi "no test", losing 30 psi/minute. NDWH, unload tubing, NUBOPs, PU rig floor, release packer. Fish SV Secure well, SDFN 7:30PM

24 hr forecast: Replace packer, test casing

Tubing Detail: (Final)

Rod Detail: (Final)

Pump:

Tubing tail @: 0.00

PRW

Questar Exploration & Production - Uinta Basin Division
Daily Production Rig Work Report

WELL NUMBER:	WV 3G-8-8-22	**Report Date:**	5/20/09
GL #:		**Report Written By:**	L. McGillivray
SPUD DATE:		**Final Drilling Cost:**	
CASING SIZE:	5 1/2", 15.5#, J-55	**Final Completion Date:**	
CASING DEPTH:	5900'	**TD:**	5900'
Ser. Co.& Rig #:	Key #128	**PBTD:**	5825'

COSTS

860 Production Rig Work

		DAILY	CUMULATIVE
519	Fishing		$ -
519	Completion rig	3,583	$ 7,783
519	Wireline services		$ -
519	Materials & supplies		$ -
519	Water hauled to location	922	$ 1,222
519	Bottom hole pumps		$ -
519	Other subsurface parts		$ -
519	Cased hole logs		$ -
519	Well test & flowback		$ -
519	Formation stimulation		$ -
519	Perforating		$ -
519	Cementing		$ -
519	Labor, supervision		$ -
519	Hauling fluids from location		$ 220
519	Hot oil truck	840	$ 1,522
519	Trucking/freight		$ 1,200
519	Surface equipment rental	370	$ 376
519	Other costs-	1,000	$ 1,000
519	Chemicals		$ -
519	Testing Anchors		$ -
TOTAL DAILY COST >		6,715	$ 13,323 **< TOTAL CUMULATIVE COST**

Daily Fluid Report

Load from yesterday:	
Minus daily recovery:	
Plus water today:	
Load left to recover:	

Perfs

5709'-5718' w/ 8 spf

DAILY TOUR REPORT: **Packer Leak**

05-19-09 7:00 AM TSIP 60#, CSIP 60#. Bleed down, POOH w/ tubing & packer detail. PU and RIH w/ weatherford 5 1/2" arrow set packer & tubing detail. Applying liquid O-ring to all pins. RD rig floor, NDBOPs, install B-flange. Displace hole w/ 100 bbls packer fluid. Set packer, land tubing on B-1 flange w/ 15M# set down. NUWH, test casing packer to 1100 psi, good test, bleed casing down. Rack out equipment, SDFD, left well shut in 5:30 PM

Final Report

Tubing Detail: (Final)

KB	14.00
15M# compression	-2.00
1 - 8' x 2 7/8" tbg sub	7.71
175 jnts 2 7/8" tbg	5640.11
psn	1.10
5 1/2" arrow set w/ ent	6.65
Tubing tail @:	**5667.57**

Rod Detail: (Final)

Pump:

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: NATHAN WISER **DATE:** 5/19/2009 **TIME:** 3:30 ☐AM ☑PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: EPA INSPECTION, JESSIE (KEY RIG)

API NUMBER: 43-047-34596 **EPA ID NUMBER:** UT20954-06195

WELL NAME: WV 3G-8-8-22 **TYPE:** ☑ER ☐SWD **STATUS:** ☐AC ☐TA ☑UC

FIELD: WONSITS VALLEY

WELL LOCATION: NENW SECT.8-T8-R22E ☐N ☐S ☐E ☐W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: 7-Jan-09 **MAXIMUM ALLOWABLE PRESSURE:** 1600 PSIG

IS THIS A REGULAR SCHEDULED TEST? ☐YES ☑NO

INITIAL TEST FOR PERMIT? ☐YES ☑NO

TEST AFTER WELL WORK? ☑YES ☐NO

WELL INJECTING DURING TEST? ☐YES ☑NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	100 PSIG	PSIG	PSIG
END OF TEST PRESSURE	100 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1081.7 @16:58:59	100 PSIG	PSIG
5 MINUTES	1040. @ 17:03:59	105 PSIG	PSIG
10 MINUTES	1029.5 @17:08:59	105 PSIG	PSIG
15 MINUTES	1022.8 @17:14:00	105 PSIG	PSIG
20 MINUTES	1015.4 @17:19:10	105 PSIG	PSIG
25 MINUTES	1008.3 @17:24:09	105 PSIG	PSIG
30 MINUTES	1001 @17:29:19	105 PSIG	PSIG
35 MINUTES	0	60 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑PASS ☐FAIL	☐PASS ☐FAIL	☐PASS ☐FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐YES ☑NO

QUESTAR EXPLORATION AND PRODUCTION CO

WV 3G-8-8-22

MIT

3000 PSIG 7049-1 30 MAR 2009

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP.
19	MAY	2009	16:48:30	1	1	0		91
19	MAY	2009	16:53:34	1	2	32.989		89
19	MAY	2009	16:53:47	1	3	274.37		89
19	MAY	2009	16:54:00	1	4	516.2		89
19	MAY	2009	16:54:17	1	5	756.1		89
19	MAY	2009	16:54:29	1	6	962.2		89
19	MAY	2009	16:54:39	1	7	959.2		89
19	MAY	2009	16:54:49	1	8	955.1		89
19	MAY	2009	16:55:00	1	9	951.9		89
19	MAY	2009	16:55:12	1	10	948.4		89
19	MAY	2009	16:55:19	1	11	945.3		89
19	MAY	2009	16:55:29	1	12	908.8		89
19	MAY	2009	16:55:39	1	13	891.2		89
19	MAY	2009	16:55:49	1	14	873.7		89
19	MAY	2009	16:56:00	1	15	851.5		88
19	MAY	2009	16:56:12	1	16	888.8		88
19	MAY	2009	16:56:19	1	17	918.5		88
19	MAY	2009	16:56:29	1	18	951.5		88
19	MAY	2009	16:56:39	1	19	989.8		88
19	MAY	2009	16:56:49	1	20	1002.3		88
19	MAY	2009	16:56:59	1	21	1003.7		88
19	MAY	2009	16:57:10	1	22	1002.2		88
19	MAY	2009	16:57:22	1	23	999.9		88
19	MAY	2009	16:57:29	1	24	997.8		88
19	MAY	2009	16:57:39	1	25	995.7		88
19	MAY	2009	16:57:49	1	26	989.4		88
19	MAY	2009	16:57:59	1	27	988.4		88
19	MAY	2009	16:58:10	1	28	1005.5		88
19	MAY	2009	16:58:22	1	29	1029.5		88
19	MAY	2009	16:58:29	1	30	1057		88
19	MAY	2009	16:58:39	1	31	1080.1		87
19	MAY	2009	16:58:49	1	32	1084.4		87
19	MAY	2009	16:58:59	1	33	1081.7	100	87
19	MAY	2009	16:59:10	1	34	1079.4		87
19	MAY	2009	16:59:22	1	35	1076.6		87
19	MAY	2009	16:59:29	1	36	1074.5		87
19	MAY	2009	16:59:39	1	37	1072.7		87
19	MAY	2009	16:59:49	1	38	1071.1		87
19	MAY	2009	16:59:59	1	39	1069.3		87
19	MAY	2009	17:00:09	1	40	1067.4		87
19	MAY	2009	17:00:20	1	41	1065.5		87
19	MAY	2009	17:00:32	1	42	1063.5		87
19	MAY	2009	17:00:39	1	43	1061.7		87

QUESTAR EXPLORATION AND PRODUCTION CO

WV 3G-8-8-22

MIT

19 MAY	2009	17:00:49	1	44	1059.9		87
19 MAY	2009	17:00:59	1	45	1058.1		87
19 MAY	2009	17:01:09	1	46	1056.5		87
19 MAY	2009	17:01:20	1	47	1054.7		87
19 MAY	2009	17:01:32	1	48	1052.9		87
19 MAY	2009	17:01:39	1	49	1051.4		87
19 MAY	2009	17:01:49	1	50	1050.1		87
19 MAY	2009	17:01:59	1	51	1049		87
19 MAY	2009	17:02:09	1	52	1048.2		87
19 MAY	2009	17:02:20	1	53	1047.3		87
19 MAY	2009	17:02:32	1	54	1046.4		87
19 MAY	2009	17:02:39	1	55	1045.6		87
19 MAY	2009	17:02:49	1	56	1044.8		87
19 MAY	2009	17:02:59	1	57	1044.1		86
19 MAY	2009	17:03:09	1	58	1043.3		86
19 MAY	2009	17:03:19	1	59	1042.6		86
19 MAY	2009	17:03:30	1	60	1041.9		86
19 MAY	2009	17:03:42	1	61	1041.2		86
19 MAY	2009	17:03:49	1	62	1040.6		86
19 MAY	2009	17:03:59	1	63	1040	105	86
19 MAY	2009	17:04:09	1	64	1039.4		86
19 MAY	2009	17:04:19	1	65	1038.9		86
19 MAY	2009	17:04:30	1	66	1038.4		86
19 MAY	2009	17:04:42	1	67	1037.8		86
19 MAY	2009	17:04:49	1	68	1037.3		86
19 MAY	2009	17:04:59	1	69	1036.8		86
19 MAY	2009	17:05:09	1	70	1036.3		86
19 MAY	2009	17:05:19	1	71	1035.8		86
19 MAY	2009	17:05:30	1	72	1035.3		86
19 MAY	2009	17:05:42	1	73	1034.9		86
19 MAY	2009	17:05:49	1	74	1034.5		86
19 MAY	2009	17:05:59	1	75	1034.2		86
19 MAY	2009	17:06:09	1	76	1033.9		86
19 MAY	2009	17:06:19	1	77	1033.6		86
19 MAY	2009	17:06:29	1	78	1033.4		86
19 MAY	2009	17:06:40	1	79	1033.1		86
19 MAY	2009	17:06:52	1	80	1032.8		86
19 MAY	2009	17:06:59	1	81	1032.5		86
19 MAY	2009	17:07:09	1	82	1032.2		86
19 MAY	2009	17:07:19	1	83	1032		86
19 MAY	2009	17:07:29	1	84	1031.7		86
19 MAY	2009	17:07:40	1	85	1031.5		86
19 MAY	2009	17:07:52	1	86	1031.2		86
19 MAY	2009	17:07:59	1	87	1030.9		86
19 MAY	2009	17:08:09	1	88	1030.7		86
19 MAY	2009	17:08:19	1	89	1030.4		86

QUESTAR EXPLORATION AND PRODUCTION CO

WV 3G-8-8-22

MIT

19 MAY	2009	17:08:29	1	90	1030.2		86
19 MAY	2009	17:08:40	1	91	1030		86
19 MAY	2009	17:08:52	1	92	1029.7		86
19 MAY	2009	17:08:59	1	93	1029.5	105	86
19 MAY	2009	17:09:09	1	94	1029.3		86
19 MAY	2009	17:09:19	1	95	1029		86
19 MAY	2009	17:09:29	1	96	1028.8		85
19 MAY	2009	17:09:39	1	97	1028.6		85
19 MAY	2009	17:09:50	1	98	1028.4		85
19 MAY	2009	17:10:02	1	99	1028.1		85
19 MAY	2009	17:10:09	1	100	1027.9		85
19 MAY	2009	17:10:19	1	101	1027.7		85
19 MAY	2009	17:10:29	1	102	1027.5		85
19 MAY	2009	17:10:39	1	103	1027.2		85
19 MAY	2009	17:10:50	1	104	1027		85
19 MAY	2009	17:11:02	1	105	1026.8		85
19 MAY	2009	17:11:09	1	106	1026.5		85
19 MAY	2009	17:11:19	1	107	1026.3		85
19 MAY	2009	17:11:29	1	108	1026.1		85
19 MAY	2009	17:11:39	1	109	1025.9		85
19 MAY	2009	17:11:50	1	110	1025.7		85
19 MAY	2009	17:12:02	1	111	1025.4		85
19 MAY	2009	17:12:09	1	112	1025.2		85
19 MAY	2009	17:12:19	1	113	1025		85
19 MAY	2009	17:12:29	1	114	1024.8		85
19 MAY	2009	17:12:39	1	115	1024.6		85
19 MAY	2009	17:12:50	1	116	1024.3		85
19 MAY	2009	17:13:02	1	117	1024.1		85
19 MAY	2009	17:13:09	1	118	1023.9		85
19 MAY	2009	17:13:19	1	119	1023.6		85
19 MAY	2009	17:13:29	1	120	1023.4		85
19 MAY	2009	17:13:39	1	121	1023.2		85
19 MAY	2009	17:13:49	1	122	1023		85
19 MAY	2009	17:14:00	1	123	1022.8	105	85
19 MAY	2009	17:14:12	1	124	1022.6		85
19 MAY	2009	17:14:19	1	125	1022.3		85
19 MAY	2009	17:14:29	1	126	1022.1		85
19 MAY	2009	17:14:39	1	127	1021.9		85
19 MAY	2009	17:14:49	1	128	1021.7		85
19 MAY	2009	17:15:00	1	129	1021.4		85
19 MAY	2009	17:15:12	1	130	1021.2		85
19 MAY	2009	17:15:19	1	131	1020.9		85
19 MAY	2009	17:15:29	1	132	1020.7		85
19 MAY	2009	17:15:39	1	133	1020.4		85
19 MAY	2009	17:15:49	1	134	1020.2		85

QUESTAR EXPLORATION AND PRODUCTION CO
WV 3G-8-8-22
MIT

19 MAY	2009	17:16:00	1	135	1019.9		85
19 MAY	2009	17:16:12	1	136	1019.7		85
19 MAY	2009	17:16:19	1	137	1019.4		85
19 MAY	2009	17:16:29	1	138	1019.2		85
19 MAY	2009	17:16:39	1	139	1019		85
19 MAY	2009	17:16:49	1	140	1018.8		84
19 MAY	2009	17:16:59	1	141	1018.5		85
19 MAY	2009	17:17:10	1	142	1018.3		84
19 MAY	2009	17:17:22	1	143	1018		84
19 MAY	2009	17:17:29	1	144	1017.8		84
19 MAY	2009	17:17:39	1	145	1017.5		84
19 MAY	2009	17:17:49	1	146	1017.3		84
19 MAY	2009	17:17:59	1	147	1017.1		84
19 MAY	2009	17:18:10	1	148	1016.8		84
19 MAY	2009	17:18:22	1	149	1016.6		84
19 MAY	2009	17:18:29	1	150	1016.3		84
19 MAY	2009	17:18:39	1	151	1016.1		84
19 MAY	2009	17:18:49	1	152	1015.9		84
19 MAY	2009	17:18:59	1	153	1015.6		84
19 MAY	2009	17:19:10	1	154	1015.4	105	84
19 MAY	2009	17:19:22	1	155	1015.1		84
19 MAY	2009	17:19:29	1	156	1014.9		84
19 MAY	2009	17:19:39	1	157	1014.7		84
19 MAY	2009	17:19:49	1	158	1014.4		84
19 MAY	2009	17:19:59	1	159	1014.2		84
19 MAY	2009	17:20:09	1	160	1014		84
19 MAY	2009	17:20:20	1	161	1013.7		84
19 MAY	2009	17:20:32	1	162	1013.5		84
19 MAY	2009	17:20:39	1	163	1013.3		84
19 MAY	2009	17:20:49	1	164	1013		84
19 MAY	2009	17:20:59	1	165	1012.8		84
19 MAY	2009	17:21:09	1	166	1012.5		84
19 MAY	2009	17:21:20	1	167	1012.3		84
19 MAY	2009	17:21:32	1	168	1012.1		84
19 MAY	2009	17:21:39	1	169	1011.8		84
19 MAY	2009	17:21:49	1	170	1011.6		84
19 MAY	2009	17:21:59	1	171	1011.4		84
19 MAY	2009	17:22:09	1	172	1011.1		84
19 MAY	2009	17:22:20	1	173	1010.9		84
19 MAY	2009	17:22:32	1	174	1010.7		84
19 MAY	2009	17:22:39	1	175	1010.4		84
19 MAY	2009	17:22:49	1	176	1010.2		84
19 MAY	2009	17:22:59	1	177	1010		84
19 MAY	2009	17:23:09	1	178	1009.7		84
19 MAY	2009	17:23:19	1	179	1009.5		84

QUESTAR EXPLORATION AND PRODUCTION CO

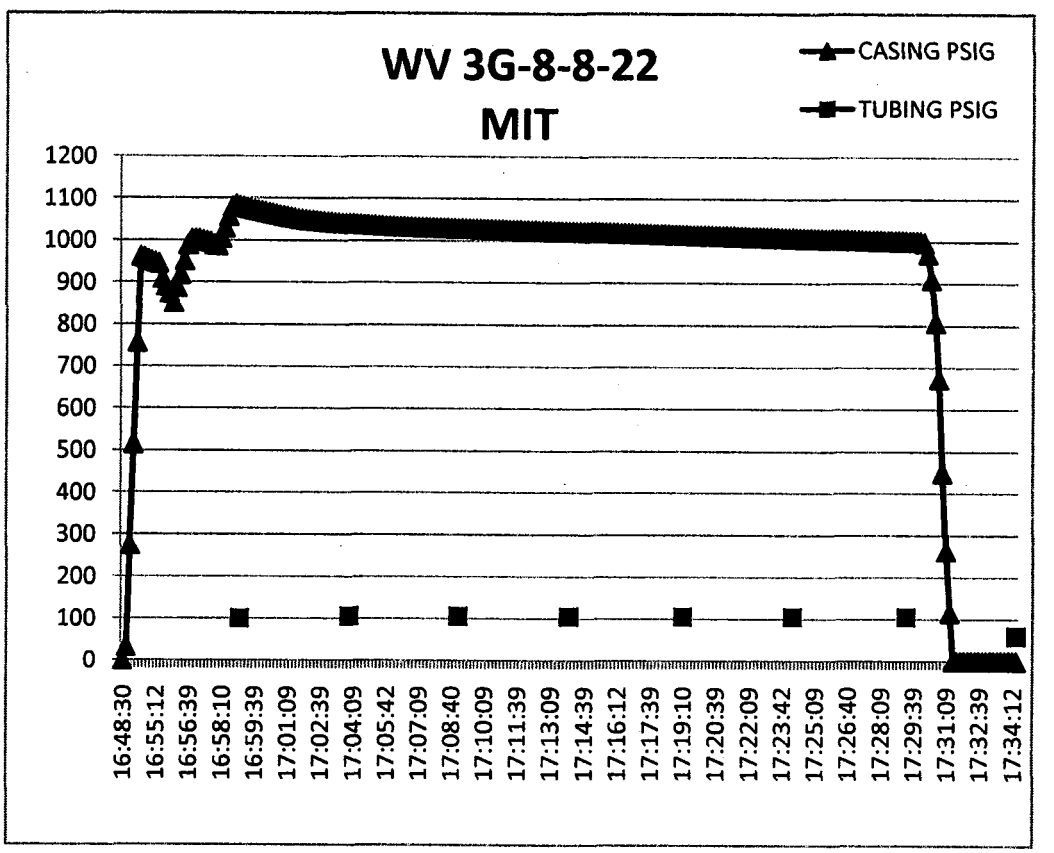
WV 3G-8-8-22

MIT

19 MAY	2009	17:23:30	1	180	1009.3		84
19 MAY	2009	17:23:42	1	181	1009		84
19 MAY	2009	17:23:49	1	182	1008.8		84
19 MAY	2009	17:23:59	1	183	1008.5		84
19 MAY	2009	17:24:09	1	184	1008.3	105	84
19 MAY	2009	17:24:19	1	185	1008.1		84
19 MAY	2009	17:24:30	1	186	1007.8		84
19 MAY	2009	17:24:42	1	187	1007.6		84
19 MAY	2009	17:24:49	1	188	1007.3		84
19 MAY	2009	17:24:59	1	189	1007.1		83
19 MAY	2009	17:25:09	1	190	1006.9		83
19 MAY	2009	17:25:19	1	191	1006.7		83
19 MAY	2009	17:25:30	1	192	1006.4		83
19 MAY	2009	17:25:42	1	193	1006.2		83
19 MAY	2009	17:25:49	1	194	1006		83
19 MAY	2009	17:25:59	1	195	1005.7		83
19 MAY	2009	17:26:09	1	196	1005.5		83
19 MAY	2009	17:26:19	1	197	1005.3		83
19 MAY	2009	17:26:29	1	198	1005		83
19 MAY	2009	17:26:40	1	199	1004.8		83
19 MAY	2009	17:26:52	1	200	1004.5		83
19 MAY	2009	17:26:59	1	201	1004.3		83
19 MAY	2009	17:27:09	1	202	1004		83
19 MAY	2009	17:27:19	1	203	1003.8		83
19 MAY	2009	17:27:29	1	204	1003.6		83
19 MAY	2009	17:27:40	1	205	1003.3		83
19 MAY	2009	17:27:52	1	206	1003.1		83
19 MAY	2009	17:27:59	1	207	1002.8		83
19 MAY	2009	17:28:09	1	208	1002.6		83
19 MAY	2009	17:28:19	1	209	1002.4		83
19 MAY	2009	17:28:29	1	210	1002.1		83
19 MAY	2009	17:28:40	1	211	1001.9		83
19 MAY	2009	17:28:52	1	212	1001.7		83
19 MAY	2009	17:28:59	1	213	1001.4		83
19 MAY	2009	17:29:09	1	214	1001.2		83
19 MAY	2009	17:29:19	1	215	1001	105	83
19 MAY	2009	17:29:29	1	216	1000.8		83
19 MAY	2009	17:29:39	1	217	1000.5		83
19 MAY	2009	17:29:50	1	218	1000.3		83
19 MAY	2009	17:30:02	1	219	1000		83
19 MAY	2009	17:30:09	1	220	997.6		83
19 MAY	2009	17:30:19	1	221	971.5		83
19 MAY	2009	17:30:29	1	222	909.7		83
19 MAY	2009	17:30:39	1	223	807.4		83
19 MAY	2009	17:30:50	1	224	672.9		83

QUESTAR EXPLORATION AND PRODUCTION CO
WV 3G-8-8-22
MIT

19 MAY	2009	17:31:02	1	225	449.37		83
19 MAY	2009	17:31:09	1	226	262.17		83
19 MAY	2009	17:31:19	1	227	115.19		83
19 MAY	2009	17:31:29	1	228	0		83
19 MAY	2009	17:31:39	1	229	0		83
19 MAY	2009	17:31:50	1	230	0		83
19 MAY	2009	17:32:02	1	231	0		83
19 MAY	2009	17:32:09	1	232	0		83
19 MAY	2009	17:32:19	1	233	0		83
19 MAY	2009	17:32:29	1	234	0		83
19 MAY	2009	17:32:39	1	235	0		83
19 MAY	2009	17:32:49	1	236	0		83
19 MAY	2009	17:33:00	1	237	0		83
19 MAY	2009	17:33:12	1	238	0		83
19 MAY	2009	17:33:19	1	239	0		83
19 MAY	2009	17:33:29	1	240	0		83
19 MAY	2009	17:33:39	1	241	0		83
19 MAY	2009	17:33:49	1	242	0		83
19 MAY	2009	17:34:00	1	243	0		83
19 MAY	2009	17:34:12	1	244	0		83
19 MAY	2009	17:34:19	1	245	0	60	83



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

Ref: 8ENF-UFO

AUG 13 2009

CERTIFIED MAIL 7005-1160-0005-3396-8428
RETURN RECEIPT REQUESTED

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

Ann Petrik, Engineering Analyst
Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, Colorado 80265

43 047 34596
8S 22E 8

Re: Underground Injection Control (UIC)
Permission To Resume Injection
WV #3G-8-8-22 Well
EPA Permit #UT20954-06195
Wonsits Valley Oil Field
Uintah County, Utah

RECEIVED
AUG 17 2009
DIV. OF OIL, GAS & MINING

Dear Ms. Petrik:

On August 12, 2009, EPA received information from Questar Exploration and Production Company via e-mail on the above referenced well concerning the workover to address a leak in one tubing joint and the followup mechanical integrity test (MIT) conducted on August 11, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before August 11, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,

for Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah &Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:** **WONSITS VALLEY**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010
4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
5a. (R649-9-2)Waste Management Plan has been received on: Requested
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached	
7. UNIT or CA AGREEMENT NAME: See attached	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company N5085	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 / PHONE NUMBER: (303) 672-6900	10. FIELD AND POOL, OR WILDCAT: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Attached STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/14/2010	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~ 965010695
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

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DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WONSITS VALLEY
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WV 16	15	080S	210E	4304715447	5265	Federal	WI	A	
WV 21	16	080S	210E	4304715452	5670	State	WI	A	
WV 31	14	080S	210E	4304715460	5265	Federal	WI	A	
WV 35	14	080S	210E	4304715463	5265	Federal	WI	A	
WV 36	10	080S	210E	4304715464	5265	Federal	WI	A	
WV 41	15	080S	210E	4304715469	5265	Federal	WI	A	
WV 50	15	080S	210E	4304715477	5265	Federal	WI	A	
WV 59	14	080S	210E	4304720018	5265	Federal	WI	A	
WV 60	15	080S	210E	4304720019	5265	Federal	WI	A	
WV 67	15	080S	210E	4304720043	5265	Federal	WI	A	
WV 68	15	080S	210E	4304720047	5265	Federal	WI	A	
WV 72	16	080S	210E	4304720058	5670	State	WI	A	
WV 73	16	080S	210E	4304720066	5265	State	WI	PA	
WV 78	16	080S	210E	4304720115	5670	State	WI	A	
WV 97	11	080S	210E	4304730014	5265	Federal	WI	A	
WV 126	21	080S	210E	4304730796	5265	Federal	WI	A	
WV 28-2	11	080S	210E	4304731524	5670	Federal	WI	A	
WV 140	15	080S	210E	4304731707	5265	Federal	WI	A	
WV 40-2	10	080S	210E	4304731798	5265	Federal	WI	A	
WV 143	10	080S	210E	4304731808	5265	Federal	WI	A	
WV 71-2	15	080S	210E	4304732449	5265	Federal	WI	A	
WV 120	22	080S	210E	4304732462	5265	Federal	WI	A	
WV 3G-8-8-22	08	080S	220E	4304734596	5265	Federal	WI	A	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO:
3100
(UT-922)

JUL 2 8 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	Attached
Location of Well	Field or Unit Name
Footage : Attached	Attached
County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH — Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: Questar Exploration and Production Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

NEW OPERATOR

Company: QEP Energy Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

(This space for State use only)

Transfer approved by: _____ Approval Date: _____

Title: Accepted by the Utah Division of Oil, Gas and Mining

Comments: EPA approved well

Date: 6/29/10

By: D. James

(5/2000)

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JUN 2 8 2010
DIV. OF OIL, GAS & MINING